For Research Use Only

GCHFR Polyclonal antibody

Catalog Number: 18809-1-AP

Featured Product 1 Publications

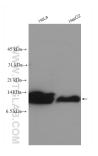


Size: GenelD (NCBI): Recommended Dilutions: 150ul, Concentration: 400 ug/ml by X844 WB 11000-14000 Nanodrop and 220 ug/ml by Bardordout WPROVT ID: WPROVT ID: Source: Full Name: Full Name: Rabbit GTP cyclohydrolase I feedback Fegulator IgG Calculated MW: 10 kDa Observed MW: 10 kDa Observed MW: 10 kDa WB: HC, EUSA WB: HeLa cells, HepG2 cells Cited Applications: WB: HC WB: HC Species Specificity: Human, mouse HC : suggested antigen retrieval with TE view of Species: mouse Cited Species: mouse Cited Species: mouse Cited Species: Mote-HFC: suggested antigen retrieval with TE buffer pH 9.0 (f / Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information CCHFR and as p35 and GFRP, belongs to the GFRP family, CCHFR mediates tetrahydrobiopterin in phenylalanine. Notable Publications Author Pubmed ID Journal Applica Pathak Rupak R 23521531 Antioxid Redox Signal WB.HC		Catalog Number: 18809-1-AP	GenBank Accession Number: BC112262	Purification Method: Antigen affinity purification	
Nanodrop and 220 ug/ml by Bradford method using BSA as the standard; Source: IHC 1:20-1:200 Source: Full Name: Rabbit CTP cyclohydrolase I feedback Isotype: regulator IgG Calculated MW: 10 kDa Observed MW: 10 kDa Observed MW: 10 kDa Observed MW: 10 kDa WB : HeLa cells, HepG2 cells Cited Applications: WB : HeLa cells, HepG2 cells WB, HC, ELISA WB : HeLa cells, HepG2 cells Cited Specificity: human, mouse IHC : suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information CCHFR also named as p35 and GFRP, belongs to the GFRP family. GCHFR mediates tetrahydrobiopterin in CTP cyclohydrolase 1.1t modulates BH4 synthesis and oxidative stress. This inhibition is reversed by L- phenylalanine. Notable Publications Author Pubmed ID Journal Applica Storage: Storage: Storage: Storage: Storage		Size: 150ul , Concentration: 400 ug/ml by Nanodrop and 220 ug/ml by Bradford method using BSA as the standard;		• • • •	
method using BSA as the standard; P300.77 Source: Full Name: Rabbit CTP cyclohydrolase I feedback Isotype:: regulator IgG Calculated MW: 10 kDa Observed MW: 10 kDa Observed MW: 10 kDa Observed MW: 10 kDa Observed MW: 10 kDa WB: HEL cells, HepG2 cells Cited Applications: HC : human cervix tissue, WB, IHC, EUSA WB: HEL cells, HepG2 cells Cited Applications: HC : human cervix tissue, WB, IHC Species Specificity: human, mouse Cited Species: mouse Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) / 10 Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 CHFR also named as p35 and GFRP, belongs to the GFRP family. GCHFR mediates tetrahydrobiopterin in GTP cyclohydrolase 1.1t modulates BH4 symthesis and oxidative stress. This inhibition is reversed by L-phenylatanine. Notable Publications Author Pubmed ID Journal Applica Storage: Storage: Storage: Storage Storage <td>2644</td> <td>WB 1:1000-1:4000</td>			2644	WB 1:1000-1:4000	
Source: Full Name: Rabbit Rabbit GTP cyclohydrolase I feedback Isotype: regulator IgG Calculated MM: 10 kDa Observed MW: 10 kDa Observed MW: 10 kDa Applications: Positive Controls: WB, IHC, EUSA WB: Hela cells, HepG2 cells Cited Applications: IHC: human cervix tissue, Species Specificity: human, mouse IHC: human cervix tissue, Cited Species: mouse Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information CCHFR.also named as p35 and GFRP, belongs to the GFRP family. GCHFR mediates tetrahydrobiopterin in GTP cyclohydrolase 1. It modulates BH4 synthesis and oxidative stress. This inhibition is reversed by L- phenylalanine. Notable Publications Author Pubmed ID Journal Applica Storage: Storage: Storage: Storage Storage			UNIPROT ID:	IHC 1:20-1:200	
Rabbit GP (valuation) Isotype: regulator IgG Calculated MW: 10 kDa Observed MW: 10 kDa WB: HeLa cells, HepG2 cells Cited Applications: HC : human cervix tissue, WB, HC Species Specificity: human, mouse Cited Species: mouse Mouse Cited Species: mouse Species Specificity: human cervix tissue, Mote-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval mush be performed with citrate buffer pH 9.0 Background Information CCHFR,also named as p35 and GFRP, belongs to the GFRP family. GCHFR mediates tetrahydrobiopterin in GPP cyclohydrolase 1.1 triodulates BH4 synthesis and oxidative stress. This inhibition is reversed by L- phenylalanine. Notable Publications Author Pubmed ID Journal Applica Storage: Storage: Storage: Storage: Storage			P30047		
Isotype: regulator IgG Calculated MW: JokDa Observed MW: JokDa Observed MW: JokDa WB: HeL cells, HepG2 cells Cited Applications: WB: HeLa cells, HepG2 cells WB, IHC IHC : human cervix tissue, Species Specificity: Human, mouse Cited Species: mouse Note-IHC: suggested antigen retrieval with TF buffer pH 9.0; (1') Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information CCHFRatson named as p35 and GFRP, belongs to the GFRP family. GCHFR mediates tetrahydrobiopterin in GTP cyclohydrolase 1.1t modulates BH4 synthesis and oxidative stress. This inhibition is reversed by L-phenylalanine. Notable Publications Author Pubmed ID Journal Applice Storage: Storage: Storage: Storage Storage		Rabbit Isotype:			
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Storage Storage:	Background Information	retrieval may be performed w buffer pH 6.0 GCHFR,also named as p35 and GFRP, GTP cyclohydrolase 1. It modulates B	ith citrate belongs to the GFRP family. GCHF		
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	Notable Publications	retrieval may be performed w buffer pH 6.0 GCHFR,also named as p35 and GFRP, GTP cyclohydrolase 1. It modulates B phenylalanine. Author Pub Pathak Rupak R 235	ith citrate belongs to the GFRP family. GCHF H4 synthesis and oxidative stress. med ID Journal	This inhibition is reversed by L- Application	
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PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Aliquoting is unnecessary for -20 $^{\circ}$ C storage	Notable Publications	retrieval may be performed w buffer pH 6.0 GCHFR,also named as p35 and GFRP, GTP cyclohydrolase 1. It modulates B phenylalanine. Author Pub Pathak Rupak R 235 Storage: Storage: Storage Buffer:	ith citrate belongs to the GFRP family. GCHF H4 synthesis and oxidative stress. med ID Journal 21531 Antioxid Redox S er shipment.	This inhibition is reversed by L- Application	
*** 20ul sizes contain 0.1% BSA	Notable Publications	retrieval may be performed w buffer pH 6.0 GCHFR,also named as p35 and GFRP, GTP cyclohydrolase 1. It modulates B phenylalanine. Author Pub Pathak Rupak R 235 Storage: Storage at -20°C. Stable for one year aft Storage Buffer: PBS with 0.02% sodium azide and 50	ith citrate belongs to the GFRP family. GCHF H4 synthesis and oxidative stress. med ID Journal 21531 Antioxid Redox S er shipment. % glycerol pH 7.3.	This inhibition is reversed by L- Application	

For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in USA), or 1(312) 455-8498 (outside USA) W: ptglab.com

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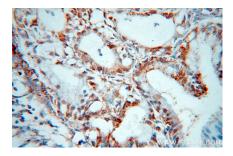
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 18809-1-AP (GCHFR antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffinembedded human cervix using 18809-1-AP (GCHFR antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffinembedded human cervix using 18809-1-AP (GCHFR antibody) at dilution of 1:100 (under 40x lens).