

For Research Use Only

GCHFR Polyclonal antibody

Catalog Number: 18809-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number: 18809-1-AP	GenBank Accession Number: BC112262	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 220 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2644	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:20-1:200
Source: Rabbit	Full Name: GTP cyclohydrolase I feedback regulator	
Isotype: IgG	Calculated MW: 10 kDa	
	Observed MW: 10 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HeLa cells, HepG2 cells IHC : human cervix tissue,
Cited Applications: IHC, WB	
Species Specificity: human, mouse	
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

GCHFR, also named as p35 and GFRP, belongs to the GFRP family. GCHFR mediates tetrahydrobiopterin inhibition of GTP cyclohydrolase 1. It modulates BH4 synthesis and oxidative stress. This inhibition is reversed by L-phenylalanine.

Notable Publications

Author	Pubmed ID	Journal	Application
Pathak Rupak R	23521531	Antioxid Redox Signal	WB, IHC

Storage

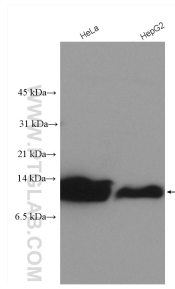
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

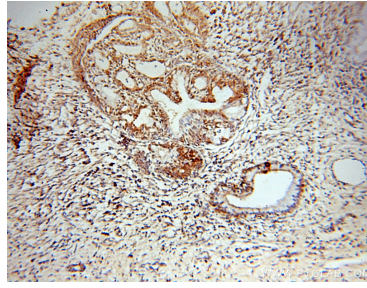
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

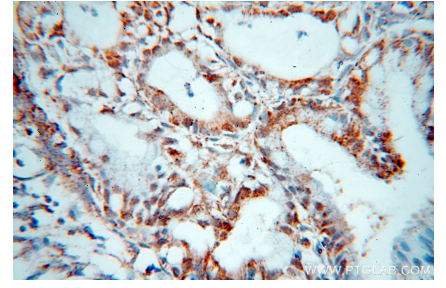
Selected Validation Data



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



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