

For Research Use Only

Synaptotagmin-4 Polyclonal antibody

Catalog Number: 12642-1-AP

2 Publications



Basic Information

Catalog Number: 12642-1-AP	GenBank Accession Number: BC036538	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 500 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6860	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q9H2B2	
Isotype: IgG	Full Name: synaptotagmin IV	
Immunogen Catalog Number: AG3338	Calculated MW: 425 aa, 48 kDa	
	Observed MW: 45-48 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : human brain tissue, IHC : human gliomas tissue,
Cited Applications: WB, IHC	
Species Specificity: human, mouse, rat	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Notable Publications

Author	Pubmed ID	Journal	Application
Shinji Kudoh	32170367	Histochem Cell Biol	IHC
Yidan Xu	37172727	J Biol Chem	WB

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

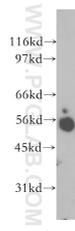
For technical support and original validation data for this product please contact:

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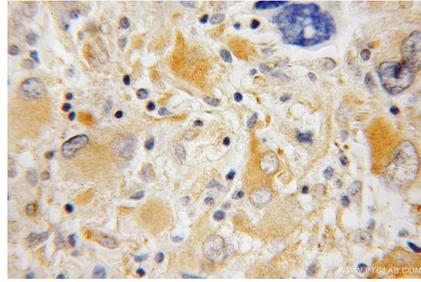
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 12642-1-AP (Synaptotagmin-4 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas using 12642-1-AP (Synaptotagmin-4 antibody) at dilution of 1:100 (under 10x lens).