

For Research Use Only

GABRA1 Polyclonal antibody

Catalog Number: 12410-1-AP **35 Publications**



Basic Information

Catalog Number: 12410-1-AP	GenBank Accession Number: BC030696	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 2554	Recommended Dilutions: WB 1:2000-1:16000
Source: Rabbit	UNIPROT ID: P14867	IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
Isotype: IgG	Full Name: gamma-aminobutyric acid (GABA) A receptor, alpha 1	IHC 1:50-1:500
Immunogen Catalog Number: AG3117	Calculated MW: 456 aa, 52 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications: WB, IP, IHC, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue
Cited Applications: WB, IHC, IF, IP	IP : mouse brain tissue,
Species Specificity: human, mouse, rat	IHC : rat brain tissue, mouse brain tissue
Cited Species: human, mouse, rat, zebrafish	

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

Notable Publications

Author	Pubmed ID	Journal	Application
Changyu Jiang	33083737	iScience	WB
Yifei Xu	36120289	Front Pharmacol	WB
Juan Mo	30347267	Neurobiol Dis	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

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

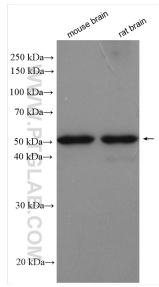
T: 4006900926

E: Proteintech-CN@ptglab.com

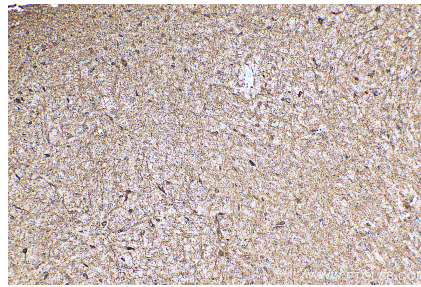
W: ptgcn.com

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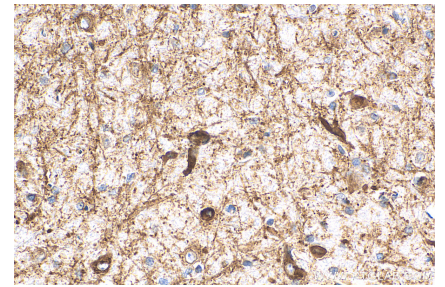
Selected Validation Data



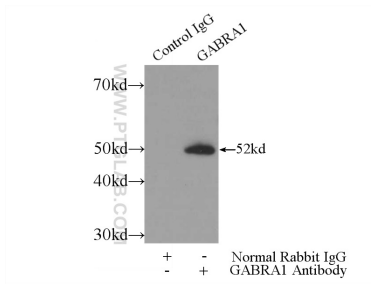
Various lysates were subjected to SDS PAGE followed by western blot with 12410-1-AP (GABRA1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 12410-1-AP (GABRA1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 12410-1-AP (GABRA1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-GABRA1 (IP:12410-1-AP, 3ug; Detection:12410-1-AP 1:400) with mouse brain tissue lysate 3600ug.