

For Research Use Only

AK5 Polyclonal antibody

Catalog Number: 12510-2-AP **1 Publications**



Basic Information

Catalog Number: 12510-2-AP	GenBank Accession Number: BC012467	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 26289	Recommended Dilutions: WB 1:1000-1:5000 IHC 1:50-1:500 IF-P 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9Y6K8	
Isotype: IgG	Full Name: adenylate kinase 5	
Immunogen Catalog Number: AG3203	Calculated MW: 63 kDa	
	Observed MW: 63 kDa	

Applications

Tested Applications: WB, IHC, IF-P, ELISA	Positive Controls: WB : mouse brain tissue, mouse cerebellum tissue, rat brain tissue IHC : mouse brain tissue, IF-P : mouse brain tissue,
Cited Applications: WB, IF	
Species Specificity: human, mouse, rat	
Cited Species: human, rat	
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
Yujie Lai	27288770	J Neurol Sci	WB,IF

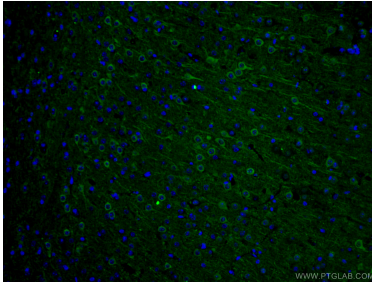
Storage

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

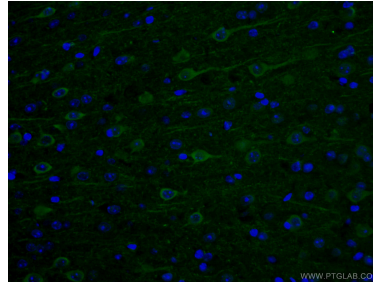
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

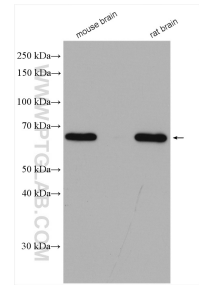
Selected Validation Data



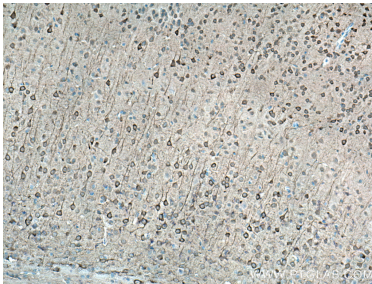
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 12510-2-AP (AK5 antibody) at dilution of 1:50 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



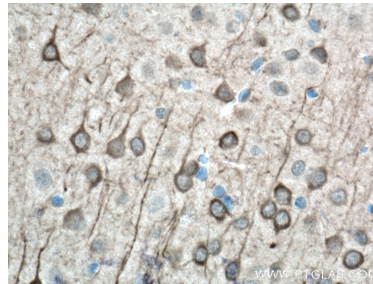
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Various lysates were subjected to SDS PAGE followed by western blot with 12510-2-AP (AK5 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12510-2-AP (AK5 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 mouse brain tissue slide using 12510-2-AP (AK5 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).