

For Research Use Only

KIAA0513 Polyclonal antibody

Catalog Number: 21478-1-AP



Basic Information

Catalog Number: 21478-1-AP	GenBank Accession Number: BC030280	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 247 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9764	Recommended Dilutions: WB 1:1000-1:4000 IF 1:10-1:100
Source: Rabbit	Full Name: KIAA0513	
Isotype: IgG	Calculated MW: 411 aa, 47 kDa	
Immunogen Catalog Number: AG15624	Observed MW: 34 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse brain tissue, human testis tissue, mouse cerebellum tissue, mouse kidney tissue, mouse testis tissue
	IF : HepG2 cells,

Background Information

KIAA0513 was identified as upregulated in subjects with schizophrenia. The mRNA of KIAA0513 is ubiquitously expressed but is enriched in the brain, particularly in the cerebellum. The interacting protein analysis indicated that KIAA0513 is involved in both synaptic and apoptotic signaling. (PMID: 17010949) Several isoforms of KIAA0513 (47/46/34 kDa) exist due to the alternative splicing. This antibody is expected to recognize all of isoforms of KIAA0513.

Storage

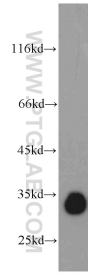
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

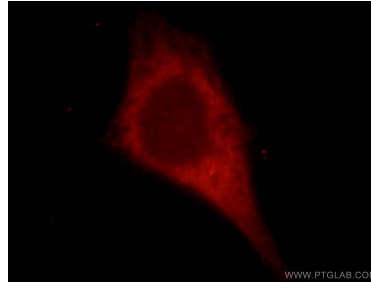
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 21478-1-AP (KIAA0513 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using KIAA0513 antibody 21478-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).