

NUDT3/4/10/11 Polyclonal antibody

Catalog Number: 17508-1-AP

Basic Information

Catalog Number: 17508-1-AP	GenBank Accession Number: BC050700	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 170685	Recommended Dilutions: WB 1:1000-1:4000 IF 1:10-1:100
Source: Rabbit	Full Name: nudix (nucleoside diphosphate linked moiety X)-type motif 10	
Isotype: IgG	Calculated MW: 164 aa, 19 kDa	
Immunogen Catalog Number: AG11711	Observed MW: 23 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse brain tissue, human brain tissue, rat brain tissue IF : HeLa cells,

Background Information

NUDT10 (nucleoside diphosphate linked moiety X-type motif 10), also named as DIPP3A or APS2, belongs to the subgroup of phosphohydrolases that preferentially attack diphosphoinositol polyphosphates (PMID: 12105228, 12689335). Five human isoforms of DIPP have been found and named as DIPP type 1 (NUDT3), type 2α/β (NUDT4), type 3α (NUDT10) and type 3β (NUDT11), which have the similar molecular weight and high homology (PMID: 12105228). This antibody can recognize all the 5 isoforms of DIPP (NUDT3/4/10/11).

Storage

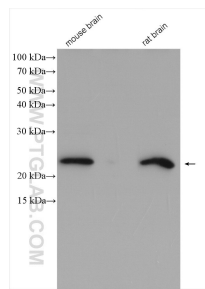
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

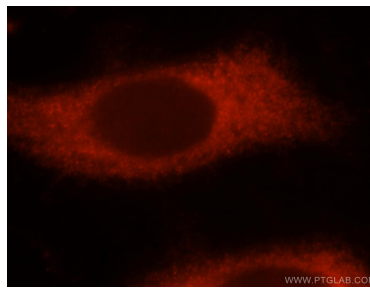
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 17508-1-AP (NUDT3/4/10/11 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells, using NUDT10 antibody 17508-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).