

For Research Use Only

NUDT10 Monoclonal antibody

Catalog Number: 68478-1-Ig



Basic Information

Catalog Number: 68478-1-Ig	GenBank Accession Number: BC050700	Purification Method: Protein A purification
Size: 150ul, Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 170685	CloneNo.: 3A8D5
Source: Mouse	Full Name: nudix (nucleoside diphosphate linked moiety X)-type motif 10	Recommended Dilutions:
Isotype: IgG2b	Calculated MW: 164 aa, 19 kDa	
Immunogen Catalog Number: AG11878	Observed MW: 20 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, mouse, rat

Positive Controls:

WB: U2OS cells, rat brain tissue, HEK-293 cells, rat testis tissue, mouse testis tissue, mouse brain tissue

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).

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

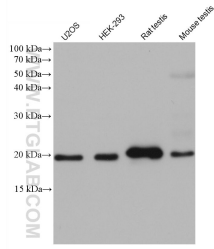
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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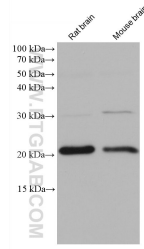
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68478-1-Ig (NUDT10 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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