

For Research Use Only

NUDT3/4/10/11 Polyclonal antibody

Catalog Number:20542-1-AP



Basic Information

Catalog Number: 20542-1-AP	GenBank Accession Number: BC007727	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 11165	Recommended Dilutions: WB 1:1000-1:8000
Source: Rabbit	UNIPROT ID: O95989	
Isotype: IgG	Full Name: nudix (nucleoside diphosphate linked moiety X)-type motif 3	
Immunogen Catalog Number: AG14587	Calculated MW: 172 aa, 19 kDa	
	Observed MW: 20-30 kDa	

Applications

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

Background Information

NUDT3 (nucleoside diphosphate linked moiety X-type motif 3), also named as DIPP1, 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 2 α / β (NUDT4), type 3 α (NUDT10) and type 3 β (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

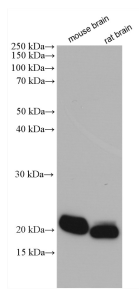
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20542-1-AP (NUDT3/4/10/11 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.