

For Research Use Only

# NUDT3/4/10/11 Polyclonal antibody

Catalog Number: 20542-1-AP

1 Publications



## Basic Information

Catalog Number:

20542-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14587

GenBank Accession Number:

BC007727

GeneID (NCBI):

11165

UNIPROT ID:

O95989

Full Name:

nudix (nucleoside diphosphate linked moiety X)-type motif 3

Calculated MW:

172 aa, 19 kDa

Observed MW:

20-30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB: rat brain tissue, mouse brain tissue

## 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 2a/β (NUDT4), type 3a (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).

## Notable Publications

Author	Pubmed ID	Journal	Application
Cong Wang	39436635	Mol Biotechnol	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

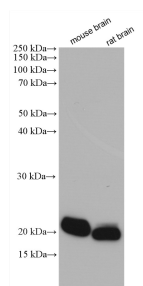
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## Selected Validation Data



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.