

For Research Use Only

NUDT3/4/10/11 Polyclonal antibody



Catalog Number: 10912-1-AP

Basic Information

Catalog Number:

10912-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1346

GenBank Accession Number:

BC009942

GeneID (NCBI):

55190

UNIPROT ID:

Q96G61

Full Name:

nudix (nucleoside diphosphate linked moiety X)-type motif 11

Calculated MW:

19 kDa

Observed MW:

19 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:200-1:800

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: mouse brain tissue, human brain tissue, rat brain tissue

IHC: mouse testis tissue, human ovary tumor tissue

Background Information

NUDT11 (nucleoside diphosphate linked moiety X-type motif 11), also named as DIPP3B or APS1, 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

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

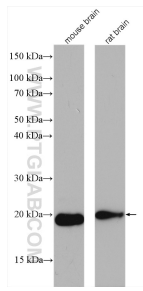
T: 4006900926

E: Proteintech-CN@ptglab.com

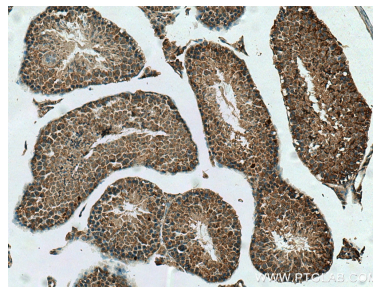
W: ptgcn.com

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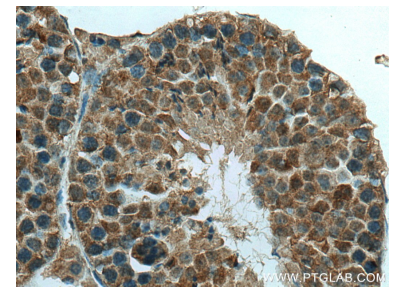
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10912-1-AP (NUDT11 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 10912-1-AP (NUDT3/4/10/11 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 10912-1-AP (NUDT3/4/10/11 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).