

# NUDT10 Monoclonal antibody

Catalog Number: 68478-1-Ig

## Basic Information

**Catalog Number:**

68478-1-Ig

**Size:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG2b

**Immunogen Catalog Number:**

AG11878

**GenBank Accession Number:**

BC050700

**GeneID (NCBI):**

170685

**UNIPROT ID:**

Q8NFP7

**Full Name:**

nudix (nucleoside diphosphate linked moiety X)-type motif 10

**Calculated MW:**

164 aa, 19 kDa

**Observed MW:**

20 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

3A8D5

**Recommended Dilutions:**

WB 1:5000-1:50000

## 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 2  $\alpha$  /  $\beta$  (NUDT4), type 3  $\alpha$  (NUDT10) and type 3  $\beta$  (NUDT11), which have the similar molecular weight and high homology (PMID: 12105228).

## Storage

**Storage:**

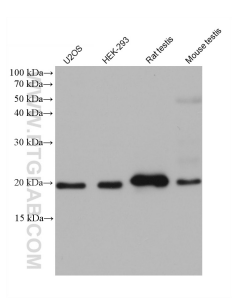
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

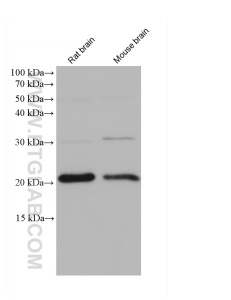
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## 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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