

For Research Use Only

DPP6 Polyclonal antibody

Catalog Number: 28143-1-AP



Basic Information

Catalog Number:

28143-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG27338

GenBank Accession Number:

BC150304

GeneID (NCBI):

1804

UNIPROT ID:

P42658

Full Name:

dipeptidyl-peptidase 6

Observed MW:

98-101 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue

IP : mouse brain tissue,

IF/ICC : SH-SY5Y cells,

Background Information

DPP6 (Dipeptidyl aminopeptidase-like protein 6) is also named as DPPX and Dipeptidyl peptidase VI (DPP VI). DPP6 is a type II transmembrane protein, and DPP6 is a multifunctional protein with considerable impact on brain development and function (PMID: 35395074). In breast cancer tissues, DPP6 has low expression at the transcription and protein levels, and DPP6 may serve as a tumour suppressor in tumour development (PMID: 36531033).

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

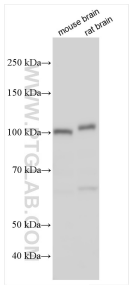
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

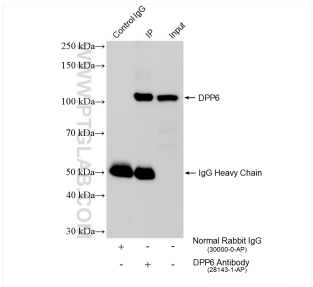
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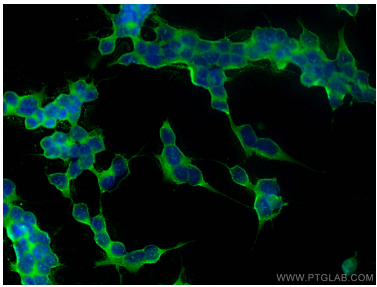
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28143-1-AP (DPP6 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



IP result of anti-DPP6 (IP:28143-1-AP, 4ug; Detection:28143-1-AP 1:4000) with mouse brain tissue lysate 1840 ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using DPP6 antibody (28143-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).