

For Research Use Only

ENTPD3 Polyclonal antibody

Catalog Number: 13021-1-AP

2 Publications



Basic Information

Catalog Number:

13021-1-AP

Size:

750 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4114

GenBank Accession Number:

BC029869

GeneID (NCBI):

956

UNIPROT ID:

O75355

Full Name:

ectonucleoside triphosphate
diphosphohydrolase 3

Calculated MW:

529 aa, 59 kDa

Observed MW:

59 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

mouse

Positive Controls:

WB : human brain tissue, Jurkat cells, Raji cells

IF/ICC : U2OS cells,

Background Information

ENTPD3, also known as NTPDase3 or CD39L3, belongs to the GDA1/CD39 NTPase family. ENTPD3 has a threefold preference for the hydrolysis of ATP over ADP. ENTPD3 is expressed in adult brain, pancreas, spleen and prostate, but not in liver and peripheral blood leukocytes. ENTPD3 has 2 isoforms with the molecular mass of 51 and 59 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Qian Wang	34059669	Nat Commun	WB
Dan Mo	39567465	Reprod Sci	WB

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

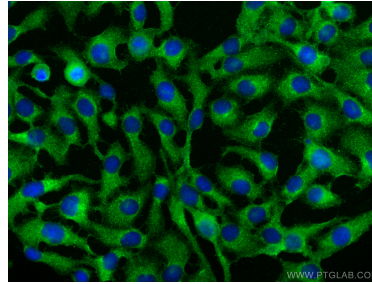
W: ptgcn.com

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Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 13021-1-AP (ENTPD3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using ENTPD3 antibody (13021-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).