

For Research Use Only

ENTPD3 Polyclonal antibody

Catalog Number: 13021-1-AP **1 Publications**



Basic Information

Catalog Number: 13021-1-AP	GenBank Accession Number: BC029869	Purification Method: Antigen affinity purification
Size: 750 µg/ml	GeneID (NCBI): 956	Recommended Dilutions: WB 1:500-1:2000 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: O75355	
Isotype: IgG	Full Name: ectonucleoside triphosphate diphosphohydrolase 3	
Immunogen Catalog Number: AG4114	Calculated MW: 529 aa, 59 kDa	
	Observed MW: 59 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : human brain tissue, Jurkat cells, Raji cells IF/ICC : U2OS cells,
Cited Applications: WB	
Species Specificity: human	
Cited Species: mouse	

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

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:

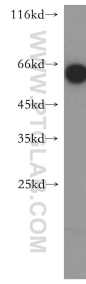
T: 4006900926

E: Proteintech-CN@ptglab.com

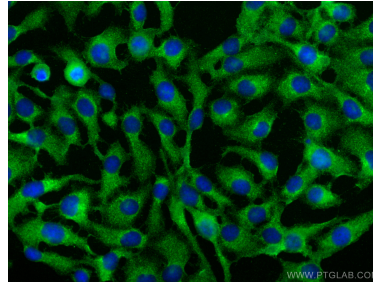
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Selected Validation Data



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 AffiniPure Goat Anti-Rabbit IgG(H+L).