ENTPD1/CD39 Rabbit pAb

Catalog No.: A3778 3 Publications



Basic Information

Observed MW

80kDa

Calculated MW

58kDa

WB

Category

Primary antibody

Applications

WB,IF/ICC,IF-P,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene is a plasma membrane protein that hydrolyzes extracellular ATP and ADP to AMP. Inhibition of this protein's activity may confer anticancer benefits. Several transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

1:500 - 1:1000

IF/ICC	1:50 - 1:200	
IF-P	1:50 - 1:200	
IHC-P	1:50 - 1:200	
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.	

Gene ID	Swiss Prot
953	P49961

Immunogen Information

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CD39; SPG64; ATPDase; NTPDase-1; ENTPD1/CD39

Contact

<u>a</u>	400-999-6126
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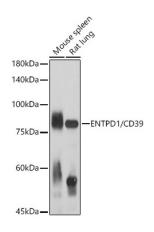
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

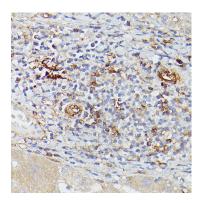


Western blot analysis of various lysates using ENTPD1/CD39 Rabbit pAb (A3778) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

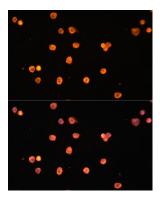
Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020).

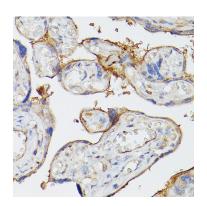
Exposure time: 180s.



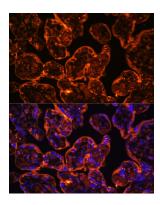
Immunohistochemistry analysis of paraffinembedded Human liver using ENTPD1/CD39 Rabbit pAb (A3778) at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



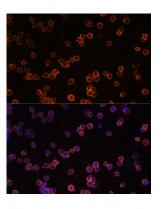
Immunofluorescence analysis of THP-1 cells using ENTPD1/CD39 Rabbit pAb (A3778) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffinembedded Human placenta using ENTPD1/CD39 Rabbit pAb (A3778) at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of paraffinembedded human placenta using ENTPD1/CD39 Rabbit pAb (A3778) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Raw264.7 cells using ENTPD1/CD39 Rabbit pAb (A3778) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.