

ENTPD3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10716b**Specification**

ENTPD3 Antibody (C-term) - Product Information

Application	WB, FC, IHC-P,E
Primary Accession	O75355
Other Accession	NP_001239.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	496-527

ENTPD3 Antibody (C-term) - Additional Information**Gene ID** 956**Other Names**

Ectonucleoside triphosphate diphosphohydrolase 3, NTPDase 3, CD39 antigen-like 3, Ecto-ATP diphosphohydrolase 3, Ecto-ATPDase 3, Ecto-ATPase 3, Ecto-apyrase 3, HB6, ENTPD3, CD39L3

Target/Specificity

This ENTPD3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 496-527 amino acids from the C-terminal region of human ENTPD3.

Dilution

WB~~1:1000

FC~~1:10~50

IHC-P~~1:50~100

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ENTPD3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ENTPD3 Antibody (C-term) - Protein Information**Name** ENTPD3

Synonyms CD39L3 {ECO:0000303|PubMed:9676430}

Function Has a threefold preference for the hydrolysis of ATP over ADP.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q8BFW6}; Multi-pass membrane protein

Tissue Location

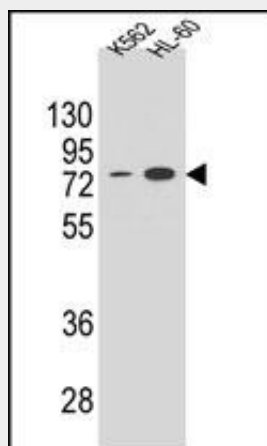
Expressed in adult brain, pancreas, spleen and prostate (PubMed:9676430). Moderate or low expression is seen in most tissues (PubMed:9676430). Not expressed in liver and peripheral blood leukocytes (PubMed:9676430).

ENTPD3 Antibody (C-term) - Protocols

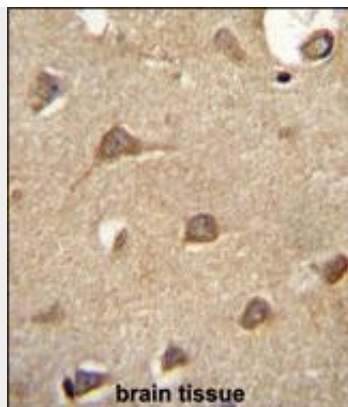
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

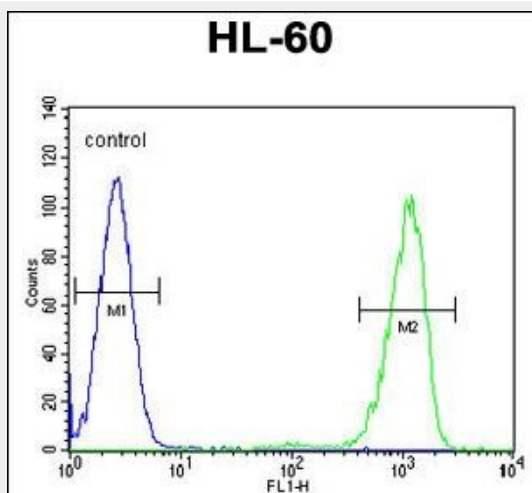
ENTPD3 Antibody (C-term) - Images



ENTPD3 Antibody (C-term) (Cat. #AP10716b) western blot analysis in K562 and HL-60 cell line lysates (35ug/lane). This demonstrates the ENTDP3 antibody detected the ENTDP3 protein (arrow).



ENTPD3 antibody (C-term) (Cat. #AP10716b) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ENTPD3 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



ENTPD3 Antibody (C-term) (Cat. #AP10716b) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ENTPD3 Antibody (C-term) - Background

ENTPD3 is similar to E-type nucleotidases (NTPases). NTPases, such as CD39, mediate catabolism of extracellular nucleotides. ENTPD3 contains 4 apyrase-conserved regions which is characteristic of NTPases.

ENTPD3 Antibody (C-term) - References

- Fausther, M., et al. Am. J. Physiol. Lung Cell Mol. Physiol. 298 (6), L804-L818 (2010) :
- Gaddie, K.J., et al. Biochemistry 48(40):9437-9447(2009)
- Munkonda, M.N., et al. FEBS J. 276(2):479-496(2009)
- Munkonda, M.N., et al. Biochem. Pharmacol. 74(10):1524-1534(2007)
- Ivanenkov, V.V., et al. Biochemistry 44(25):8998-9012(2005)