

Rabbit anti-Human ENTPD3 Polyclonal Antibody | anti-ENTPD3 antibody

ENTPD3 Antibody (C-term)

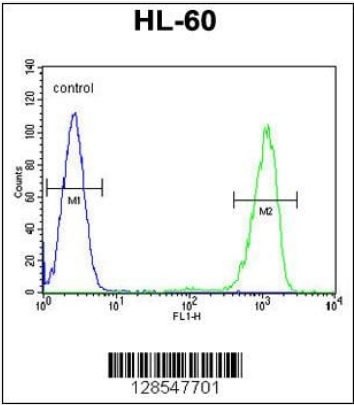
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286136	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

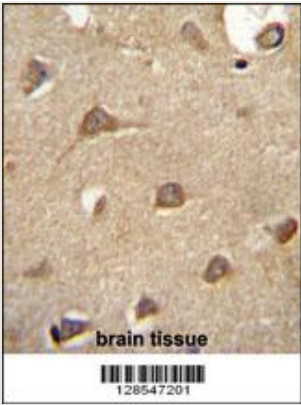
ENTPD3; Polyclonal Antibody; ENTPD3 Antibody (C-term); Ectonucleoside triphosphate diphosphohydrolase 3; NTPDase 3; CD39 antigen-like 3; Ecto-ATP diphosphohydrolase 3; Ecto-ATPDase 3; Ecto-ATPase 3; Ecto-apyrase 3; HB6; CD39L3; anti-ENTPD3 antibody

PRODUCT SPECIFICATIONS

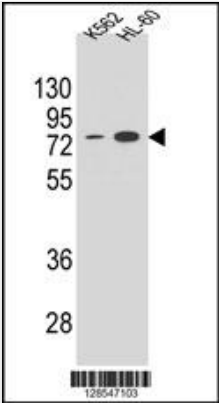
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ENTPD3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 496-527 amino acids from the C-terminal region of human ENTPD3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	496-527
Sequence Length	452
Applicable Applications for anti-ENTPD3 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
ENTPD3 Antibody (C-term) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
ENTPD3 antibody (C-term) 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-ENTPD3 antibody	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.
Product Categories/Family for anti-ENTPD3 antibody	Metabolism; Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	166197702
NCBI GeneID	956
NCBI Accession #	NP_001239.2
NCBI GenBank Nucleotide #	NM_001248.3

UniProt Accession #	O75355; O60495; Q8N6K2; B2R8D0; G5E9N0
Molecular Weight	59105
NCBI Official Full Name	ectonucleoside triphosphate diphosphohydrolase 3 isoform 1
NCBI Official Synonym Full Names	ectonucleoside triphosphate diphosphohydrolase 3
NCBI Official Symbol	ENTPD3
NCBI Official Synonym Symbols	HB6; CD39L3; NTPDase-3
NCBI Protein Information	ectonucleoside triphosphate diphosphohydrolase 3
UniProt Protein Name	Ectonucleoside triphosphate diphosphohydrolase 3
UniProt Gene Name	ENTPD3
UniProt Synonym Gene Names	CD39L3; NTPDase 3; Ecto-ATPDase 3; Ecto-ATPase 3
UniProt Entry Name	ENTP3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/entpd3-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286136>