

Rabbit anti-Human ENPP7 Polyclonal Antibody | anti-ENPP7 antibody

ENPP7 Antibody (Center)

CATALOG # AAA288672	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

ENPP7; Polyclonal Antibody; ENPP7 Antibody (Center); Ectonucleotide pyrophosphatase/phosphodiesterase family member 7; E-NPP 7; NPP-7; Alkaline sphingomyelin phosphodiesterase; Intestinal alkaline sphingomyelinase; Alk-SMase; ENPP7 {ECO:0000312|EMBL:AAH414532}; anti-ENPP7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ENPP7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 286-313 amino acids from the Central region of human ENPP7.
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	286-313
Sequence Length	458
Applicable Applications for anti-ENPP7 antibody	FCM/FACS (Flow Cytometry), 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.

IMAGES



FCM/FACS (Flow Cytometry)

ENPP7 Antibody (Center) 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.



WB (Western Blot)

Western blot analysis of ENPP7 Antibody (Center) in HL-60 cell line lysates (35ug/lane). ENPP7 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ENPP7 antibody	ENPP7 converts sphingomyelin to ceramide. ENPP7 also has phospholipase C activity toward palmitoyl lyso-phosphocholine. ENPP7 does not appear to have nucleotide pyrophosphatase activity.
Product Categories/Family for anti-ENPP7 antibody	Cancer; Cell biology
References	Wu, J., et al. Biochem. J. 386 (PT 1), 153-160 (2005) Zhang, Z., et al. Protein Sci. 13(10):2819-2824(2004) Wu, J., et al. Carcinogenesis 25(8):1327-1333(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	530788254
NCBI GeneID	339221
NCBI Accession #	NP_848638.3
NCBI GenBank Nucleotide #	NM_178543.4
UniProt Accession #	Q6UWV6; Q6ZTS5; Q8IUS8
Molecular Weight	51494
NCBI Official Full Name	ectonucleotide pyrophosphatase/phosphodiesterase family member 7
NCBI Official Synonym Full Names	ectonucleotide pyrophosphatase/phosphodiesterase 7
NCBI Official Symbol	ENPP7
NCBI Official Synonym Symbols	NPP7; NPP-7; E-NPP 7; ALK-SMase
NCBI Protein Information	ectonucleotide pyrophosphatase/phosphodiesterase family member 7
UniProt Protein Name	Ectonucleotide pyrophosphatase/phosphodiesterase family member 7
UniProt Gene Name	ENPP7
UniProt Synonym Gene Names	E-NPP 7; NPP-7; Alk-SMase
UniProt Entry Name	ENPP7_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/enpp7-antibody-flow-cytometry-western-blot-elisa/288672>