

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

ENPP7 Antibody

CATALOG # AAA304346	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

ENPP7; Polyclonal Antibody; ENPP7 Antibody; ectonucleotide pyrophosphatase/phosphodiesterase 7; ALK-SMase; anti-ENPP7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total ENPP7 protein.
Form/Format	Supplied at 1.4mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	458
Applicable Applications for anti-ENPP7 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 290-305 amino acids of Human ectonucleotide pyrophosphatase/phosphodiesterase 7
Target Name	ENPP7
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 31192(ENPP7 Antibody) at dilution 1/50, on the right is treated with the synthetic peptide.



Application Data

Gel: 10%SDS-PAGE Lysate: 30 ug 293T cell lysate Primary antibody: 1/700 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-ENPP7 antibody	Ectonucleotide pyrophosphatase/phosphodiesterase family member 7 (E-NPP 7) also known as alkaline sphingomyelin phosphodiesterase (Alk-SMase) or intestinal alkaline sphingomyelinase is an enzyme that in humans is encoded by the ENPP7 gene. Converts sphingomyelin to ceramide. Also has phospholipase C activity toward palmitoyl lyso-phosphocholine. Does not appear to have nucleotide pyrophosphatase activity. Inhibited in a dose dependent manner by ATP, imidazole, orthovanadate and zinc ion. Not inhibited by ADP, AMP and EDTA. Detected in the colon (at protein level). Expressed in the duodenum, jejunum and liver and at low levels in the ileum. Expression was very low in the esophagus, stomach and colon.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	530788254
NCBI GeneID	339221
NCBI Accession #	NP_848638
NCBI GenBank Nucleotide #	NM_178543.4
Molecular Weight	51,494 Da
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-immunohistochemistry-western-blot-elisa/304346>