

Rabbit anti-Human ENPP4 Polyclonal Antibody | anti-ENPP4 antibody

ENPP4 Antibody

CATALOG # AAA303470	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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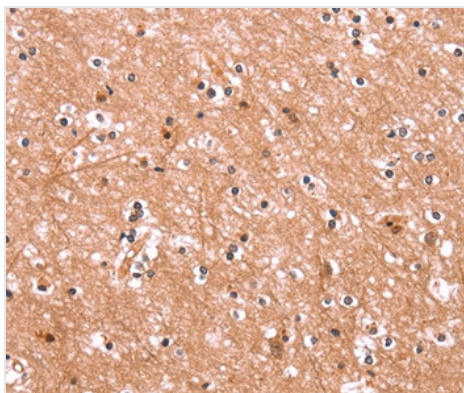
PRODUCT SYNONYMS

ENPP4; Polyclonal Antibody; ENPP4 Antibody; NPP4; anti-ENPP4 antibody

PRODUCT SPECIFICATIONS

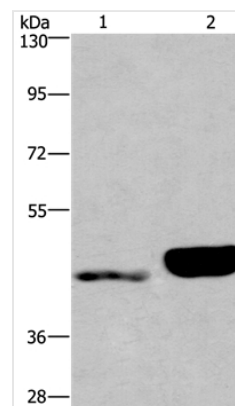
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ENPP4 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.5 mg/ml (varies by lot)
Sequence Length	453
Applicable Applications for anti-ENPP4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human ectonucleotide pyrophosphatase/phosphodiesterase 4 (putative)
Target Name	ENPP4
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/15.



Application Data

Gel: 6%SDS-PAGE Lysates (from left to right): Human endometrial cancer and placenta tissue Amount of lysate: 40ug per lane Primary antibody: 1/200 dilution Secondary antibody dilution: 1/8000 Exposure time: 40 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-ENPP4 antibody	NPP4, also known as ENPP4 (ectonucleotide pyrophosphatase/phosphodiesterase family member 4), is a 453 amino acid single-pass type I membrane protein that belongs to the nucleotide pyrophosphatase/phosphodiesterase family. The gene that encodes NPP4 consists of approximately 16,736 bases and maps to human chromosome 6p21.1. Making up nearly 6% of the human genome, chromosome 6 contains around 1,200 genes within 170 million base pairs of sequence. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer suggesting the presence of a cancer susceptibility locus. Porphyria cutanea tarda is associated with chromosome 6 through the HFE gene, and Stickler syndrome, 21-hydroxylase deficiency and maple syrup urine disease are also associated with genes on chromosome 6. Notably, the PARK2 gene, which is associated with Parkinson's disease, and the genes encoding the major histocompatibility complex proteins are also located on chromosome 6. A bipolar disorder susceptibility locus has been identified on the q arm of chromosome 6.
Product Categories/Family for anti-ENPP4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	7662358
NCBI GeneID	22875
NCBI Accession #	NP_055751.1
NCBI GenBank Nucleotide #	NM_014936.4
UniProt Accession #	Q9Y6X5; Q7L2N1; A8K5G1
Molecular Weight	51,641 Da
NCBI Official Full Name	bis(5'-adenosyl)-triphosphatase ENPP4
NCBI Official Synonym Full Names	ectonucleotide pyrophosphatase/phosphodiesterase 4 (putative)
NCBI Official Symbol	ENPP4
NCBI Official Synonym Symbols	NPP4
NCBI Protein Information	bis(5'-adenosyl)-triphosphatase ENPP4
UniProt Protein Name	Bis(5'-adenosyl)-triphosphatase ENPP4
UniProt Gene Name	ENPP4
UniProt Synonym Gene Names	KIAA0879; NPP4; AP3Aase; E-NPP 4; NPP-4
UniProt Entry Name	ENPP4_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.