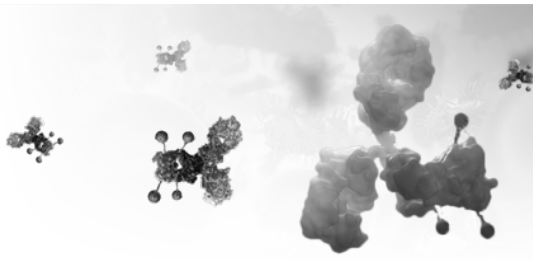

Mouse anti-Human ENPP3 polyclonal antibody (DPAB-DC2196)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene belongs to a series of ectoenzymes that are involved in hydrolysis of extracellular nucleotides. These ectoenzymes possess ATPase and ATP pyrophosphatase activities and are type II transmembrane proteins. Expression of the related rat mRNA has been found in a subset of immature glial cells and in the alimentary tract. The corresponding rat protein has been detected in the pancreas, small intestine, colon, and liver. The human mRNA is expressed in glioma cells, prostate, and uterus. Expression of the human protein has been detected in uterus, basophils, and mast cells.
Immunogen	ENPP3 (NP_005012, 602 a.a. ~ 699 a.a) partial recombinant protein with GST tag. The sequence is ATVKVNLPFGRPRVLQKNVDHCLLYHREYVSGFGKAMRMPMWSSYTVPQLGDTSPLPPTV PDCLRADVRVPPSESQKCSFYLADKNITHGFLYPPASN
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	ENPP3 ectonucleotide pyrophosphatase/phosphodiesterase 3 [Homo sapiens (human)]
Official Symbol	ENPP3
Synonyms	ENPP3; ectonucleotide pyrophosphatase/phosphodiesterase 3; B10; NPP3; PDNP3; CD203c; PD-IBETA; ectonucleotide pyrophosphatase/phosphodiesterase family member 3; gp130RB13-6; phosphodiesterase-I beta; phosphodiesterase I/nucleotide pyrophosphatase 3; dJ914N13.3 (phosphodiesterase I/nucleotide pyrophosphatase 3); dJ1005H11.3 (phosphodiesterase I/nucleotide pyrophosphatase 3);
Entrez Gene ID	5169
Protein Refseq	NP_005012
UniProt ID	O14638
Chromosome Location	6q22
Pathway	Nicotinate and nicotinamide metabolism; Pantothenate and CoA biosynthesis; Purine metabolism; Riboflavin metabolism
Function	NADH pyrophosphatase activity; metal ion binding; nucleic acid binding; nucleoside-triphosphate diphosphatase activity

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