

ENPP1 Polyclonal Antibody

Catalog NumberPA5-18429

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Goat / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	2-4 µg/mL
Type	Antibody	Western Blot (WB)	0.5-1 µg/mL
Immunogen	Synthetic peptide sequence (KTHLPTFSQED) corresponding to the C-terminus amino acids of ENPP1	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.5 mg/mL		
Purification	Ammonium sulfate precipitation		
Storage buffer	TBS, pH 7.3, with 0.5% BSA		
Contains	0.02% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is predicted to react with mouse and rat based on sequence homology. This antibody is tested in Peptide ELISA: antibody detection limit dilution 64,000.

Background/Target Information

This gene is a member of the ecto-nucleotide pyrophosphatase/phosphodiesterase (ENPP) family. The encoded protein is a type II transmembrane glycoprotein comprising two identical disulfide-bonded subunits. This protein has broad specificity and cleaves a variety of substrates, including phosphodiester bonds of nucleotides and nucleotide sugars and pyrophosphate bonds of nucleotides and nucleotide sugars. This protein may function to hydrolyze nucleoside 5' triphosphates to their corresponding monophosphates and may also hydrolyze diadenosine polyphosphates. Mutations in this gene have been associated with 'idiopathic' infantile arterial calcification, ossification of the posterior longitudinal ligament of the spine (OPLL), and insulin resistance.

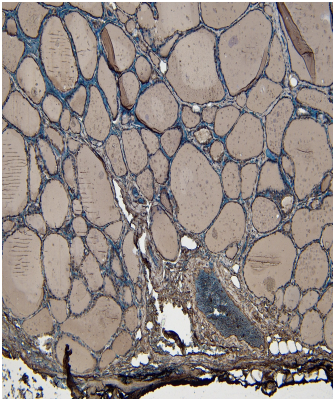
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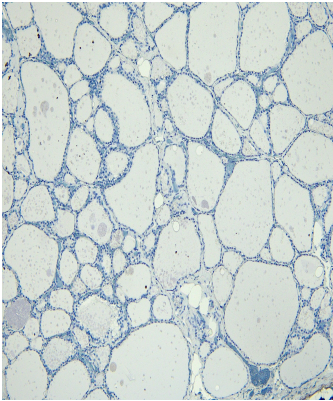
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Product Images For ENPP1 Polyclonal Antibody



ENPP1 Antibody (PA5-18429) in IHC (P)
Immunohistochemistry (PFA fixed) analysis of ENPP1 using ENPP1 Polyclonal Antibody (Product # PA5-18429) (4 µg /mL) in staining of paraffin embedded Human Thyroid Gland. Heat induced antigen retrieval with citrate buffer Ph 6, HRP-staining.



ENPP1 Antibody (PA5-18429) in IHC (P)
Negative Control for ENPP1 Polyclonal Antibody (Product # PA5-18429), showing immunohistochemical staining of paraffin embedded Human Thyroid Gland, with no primary antibody.

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