

A0103

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# ENPP1 Rabbit pAb

Catalog No.: A0103

## Basic Information

### Observed MW

60kDa

### Calculated MW

105kDa

### Category

Polyclonal Antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human

## Background

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.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

5167

### Swiss Prot

P22413

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 80-250 of human ENPP1 (NP\_006199.2).

### Synonyms

M6S1; NPP1; NPPS; PC-1; PCA1; ARHR2; COLED; PDNP1; ENPP1

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

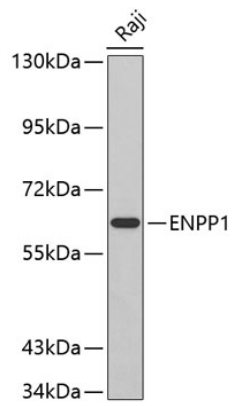
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of lysates from Raji cells, using ENPP1 Rabbit pAb (A0103).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.