

Enpp1 Rabbit Polyclonal Antibody



CAB17876

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

120kDa/170kDa

Calculated MW:

103kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a member of the nucleoside pyrophosphatase/phosphodiesterase family of enzymes that catalyzes the hydrolysis of pyrophosphate and phosphodiester bonds in nucleotide triphosphates and oligonucleotides, respectively, to generate nucleoside 5'-monophosphates. The encoded protein is a type II transmembrane glycoprotein that negatively regulates bone mineralization. Mice harboring a nonsense mutation in this gene, termed tiptoe walking (ttw), exhibit ectopic ossification of the spinal ligaments. The encoded protein binds to the insulin receptor, inhibits downstream signaling events and induces insulin resistance and glucose tolerance. This gene is located adjacent to a paralog on chromosome 10. Alternative splicing results in multiple transcript variants encoding different isoforms.

Immunogen information

Gene ID:

18605

Uniprot

G3X9S2

Synonyms:

Pca; ttw; twy; M6S1; NPP1; Npps; PC-1; Ly-41; Pca-1; Pdnp1; C76301; CD203c; E-NPP1; E-NPP 1; AI428932; 4833416E15Rik; Enpp1

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 580-730 of mouse Enpp1 (NP_032839.3).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images

Western blot - Enpp1 Rabbit pAb (CAB17876)

