

Datasheet for ABIN7266898
anti-ENPP3 antibody (AA 646-875)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 100 µL |
| Target: | ENPP3 |
| Binding Specificity: | AA 646-875 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ENPP3 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-------------------|--|
| Purpose: | ENPP3 Rabbit pAb |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 646-875 of human ENPP3 (NP_005012.2). |
| Sequence: | YTVPQLGDTSLPPTVPDCLRADVRVPPSESQKCSFYLDKNITHGFLYPASNRTSDSQ YDALITSNLVPMYEEFRKMWDYFHSVLLIKHATERNGVNVVSGPIFDYNYDGHFDAPDEI TKHLANTDVPIPTHYFVLTSCKNKSHTPENCPGWLDVLPFIIPHRPTNVESCPEGKPEA LWVEERFTHAIARVRDVELLTGLDFYQDKVQPVSEILQLKTYLPTFETTI |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Characteristics: | Polyclonal Antibodies |

Product Details

Purification: Affinity purification

Target Details

Target: ENPP3

Alternative Name: ENPP3 ([ENPP3 Products](#))

Background: 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. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene.,ENPP3,B10,CD203c,NPP3,PD-IBETA,PDNP3,Immunology & Inflammation,CD markers,ENPP3

Molecular Weight: 100kDa

Gene ID: 5169

UniProt: [O14638](#)

Pathways: [Regulation of Muscle Cell Differentiation](#), [Negative Regulation of Transporter Activity](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

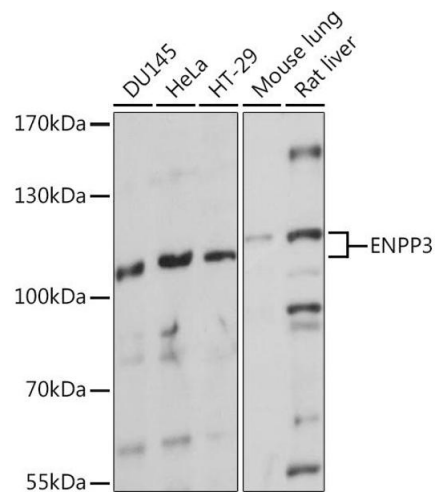
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Handling

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

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using ENPP3 Rabbit pAb (ABIN7266898) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1 s.