

Datasheet for ABIN1881297
anti-ENPP3 antibody (C-Term)[Go to Product page](#)

1 Image

4 Publications

Overview

Quantity:	400 µL
Target:	ENPP3
Binding Specificity:	AA 814-843, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ENPP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 814-843 amino acids from the C-terminal region of human ENPP3.
Clone:	RB24586
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide 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

Target Details

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. [provided by RefSeq].

Molecular Weight: 100124

NCBI Accession: [NP_005012](#)

UniProt: [O14638](#)

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

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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: 4 °C, -20 °C

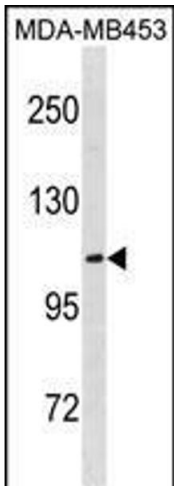
Expiry Date: 6 months

Publications

Product cited in: Zampagni, Cascella, Casamenti, Grossi, Evangelisti, Wright, Becatti, Liguri, Mannini, Campioni, Chiti, Cecchi: "A comparison of the biochemical modifications caused by toxic and non-toxic protein oligomers in cells." in: **Journal of cellular and molecular medicine**, Vol. 15, Issue 10, pp. 2106-16, (2011) ([PubMed](#)).

Liao, Lasbury, Wang, Zhang, Durant, Murakami, Matsufuji, Lee: "Pneumocystis mediates overexpression of antizyme inhibitor resulting in increased polyamine levels and apoptosis in alveolar macrophages." in: **The Journal of biological chemistry**, Vol. 284, Issue 12, pp. 8174-84,

(2009) ([PubMed](#)).



Western Blotting

Image 1. EN Antibody (C-term) (ABIN1881297 and ABIN2838760) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the EN antibody detected the EN protein (arrow).