

ENPP4 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18179c**Specification**

ENPP4 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9Y6X5
Other Accession	A2VDP5 , NP_055751.1
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	51641
Antigen Region	171-200

ENPP4 Antibody (Center) - Additional Information**Gene ID** 22875**Other Names**

Bis(5'-adenosyl)-triphosphatase ENPP4, AP3A hydrolase, AP3Aase, Ectonucleotide pyrophosphatase/phosphodiesterase family member 4, E-NPP 4, NPP-4, ENPP4, KIAA0879, NPP4

Target/Specificity

This ENPP4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 171-200 amino acids from the Central region of human ENPP4.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ENPP4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ENPP4 Antibody (Center) - Protein Information**Name** ENPP4

Synonyms KIAA0879, NPP4

Function Hydrolyzes extracellular Ap3A into AMP and ADP, and Ap4A into AMP and ATP. Ap3A and Ap4A are diadenosine polyphosphates thought to induce proliferation of vascular smooth muscle cells. Acts as a procoagulant, mediating platelet aggregation at the site of nascent thrombus via release of ADP from Ap3A and activation of ADP receptors.

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

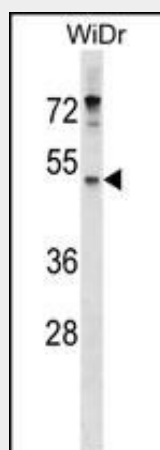
Expressed on the surface of vascular endothelia.

ENPP4 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ENPP4 Antibody (Center) - Images



ENPP4 Antibody (Center) (Cat. #AP18179c) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the ENPP4 antibody detected the ENPP4 protein (arrow).

ENPP4 Antibody (Center) - Background

ENPP4 belongs to the nucleotide pyrophosphatase/phosphodiesterase family.

ENPP4 Antibody (Center) - References

Olsen, J.V., et al. Cell 127(3):635-648(2006)
Gijsbers, R., et al. J. Biol. Chem. 276(2):1361-1368(2001)