

Datasheet for ABIN358034

anti-ENPP2 antibody (Middle Region)



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Overview

Quantity:	0.4 mL
Target:	ENPP2
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ENPP2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the Center region of human ENPP2.
Isotype:	Ig Fraction
Specificity:	This antibody detects Autotaxin/ENPP2 (Center).
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	ENPP2
Alternative Name:	Autotaxin / ENPP2
Background:	ENPP2 functions as both a phosphodiesterase, which cleaves phosphodiester bonds at the 5'

Target Details

end of oligonucleotides, and a phospholipase, which catalyzes production of lysophosphatidic acid (LPA) in extracellular fluids. LPA evokes growth factor-like responses including stimulation of cell proliferation and chemotaxis. This protein stimulates the motility of tumor cells and has angiogenic properties, and its expression is upregulated in several kinds of carcinomas. This protein is secreted and further processed to make the biologically active form. Synonyms: ATX, E-NPP 2, ENPP2, Ectonucleotide pyrophosphatase/phosphodiesterase family member 2, Extracellular lysophospholipase D, PDNP2

Molecular Weight: 99004 Da

Gene ID: 5168, 9606

UniProt: [Q13822](#)

Application Details

Application Notes: ELISA: 1/1,000. Western Blot: 1/50-1/100.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) Sodium Azide as preservative.

Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

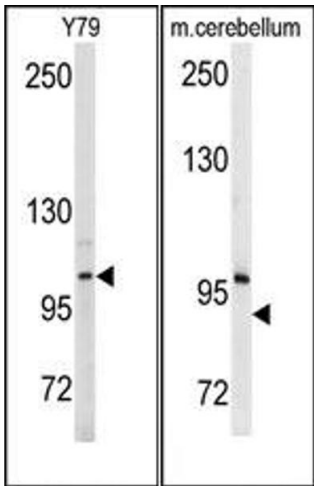


Image 1.