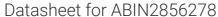
antibodies -online.com







anti-ENPP2 antibody (C-Term)

Images



Publication



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Quantity:	100 μL
Target:	ENPP2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ENPP2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human Autotaxin. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to Autotaxin (ectonucleotide pyrophosphatase/phosphodiesterase 2) Autotaxin antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ENPP2
Alternative Name:	ectonucleotide pyrophosphatase/phosphodiesterase 2 (ENPP2 Products)
Background:	The protein encoded by this gene functions as both a phosphodiesterase, which cleaves phosphodiester bonds at the 5' 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 gene product stimulates the motility of tumor cells and has angiogenic properties, and its expression is upregulated in several kinds of carcinomas. The gene product is secreted and further processed to make the biologically active form. Several alternatively spliced transcript variants encoding different isoforms have been identified.
	Cellular Localization: Secreted
Molecular Weight:	99 kDa
Gene ID:	5168
UniProt:	Q13822
Application Details	
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined
	by the researcher. Not tested in other applications.
Comment:	Validation: Orthogonal
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.13 mg/mL
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment:

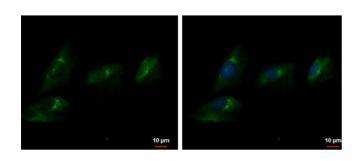
Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Publications

Product cited in:

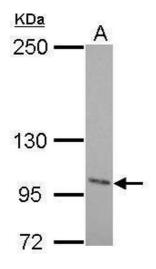
Sprenger, Wani, Hesseling, König, Patron, MacVicar, Ahola, Wai, Barth, Rugarli, Bergami, Langer: "Loss of the mitochondrial i-AAA protease YME1L leads to ocular dysfunction and spinal axonopathy." in: **EMBO molecular medicine**, Vol. 11, Issue 1, (2019) (PubMed).

Images



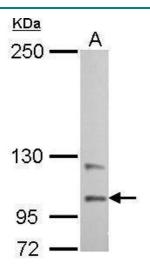
Immunofluorescence

Image 1. ICC/IF Image Autotaxin antibody detects Autotaxin protein at cytoplasm by immunofluorescent analysis. Sample: SK-N-SH cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Autotaxin protein stained by Autotaxin antibody, diluted at 1:500. Blue: Hoechst 33342 staining.



Western Blotting

Image 2. WB Image Autotaxin antibody detects ENPP2 protein by Western blot analysis. A. 30 μg U87-MG whole cell lysate/extract 5 % SDS-PAGE Autotaxin antibody , dilution: 1:1000



Western Blotting

Image 3. WB Image Autotaxin antibody detects ENPP2 protein by Western blot analysis. A. 30 μg Rat-2 whole cell lysate/extract 5 % SDS-PAGE Autotaxin antibody , dilution: 1:1000

Please check the product details page for more images. Overall 6 images are available for ABIN2856278.