BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-ENPP2 Antibody (Center)

Catalog Number: A03110-1

About ENPP2

ENPP2 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 protein stimulates the motility of tumor cells and has angiogenic properties, and its expression is upregulated in several kinds of carcinomas. The protein is secreted and further processed to make the biologically active form.

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Overview

Product Name	Anti-ENPP2 Antibody (Center)
Reactive Species	Human
Description	Boster Bio Anti-ENPP2 Antibody (Center) (Catalog # A03110-1). Tested in WB, Flow Cytometry application(s). This antibody reacts with Human.
Application	Flow Cytometry, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	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.
Host	Rabbit
Uniprot ID	Q13822

Technical Details

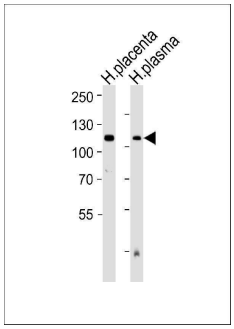
Immunogen	This ENPP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 377-406 amino acids from the Central region of human ENPP2.
Predicted Reactive Species	Bovine
Isotype	Rabbit IgG

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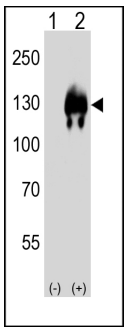
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:2000 FC: 1:10-1:50

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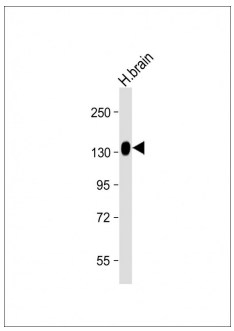
Anti-ENPP2 Antibody (Center) (A03110-1) Images



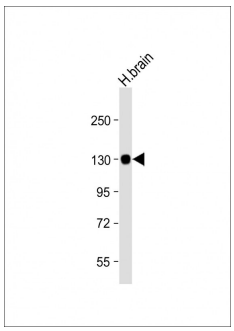
Western blot analysis of lysates from human placenta and plasma tissue lysate (from left to right), using ENPP2 Antibody (Center). A03110-1 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



Western blot analysis of (arrow) using rabbit polyclonal ENPP2 Antibody (Center) (Cat. #A03110-1). 293T cell lysates (ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the gene.



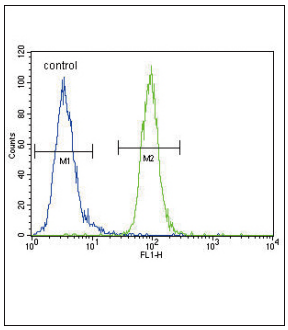
Anti-ENPP2 Antibody (Center) at 1:2000 dilution + Human brain lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 99 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



Anti-ENPP2 Antibody (Center) at 1:2000 dilution + Human brain lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 99 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

ENPP2 Antibody (Center) (Cat. #A03110-1) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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Anti-ENPP2 Antibody (Center)

For Research Use Only. Not for use in diagnostic procedures.