

Rabbit anti-Cynomolgus ENPP2 Polyclonal Antibody | anti-ENPP2 antibody

Anti-ENPP2 Antibody, Rabbit Polyclonal

CATALOG # AAA257364	HOST Rabbit	REACTIVITY Cynomolgus	APPLICATIONS Immunohistochemistry, ELISA
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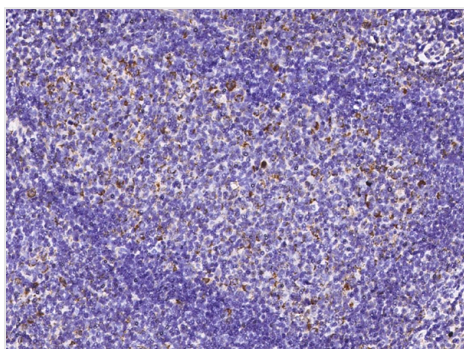
PRODUCT SYNONYMS

ENPP2; Polyclonal Antibody; Anti-ENPP2 Antibody; Rabbit Polyclonal; Autotaxin/ENPP2 Antibody; Rabbit PAb; Antigen Affinity Purified; ectonucleotide pyrophosphatase/phosphodiesterase 2; Anti-Autotaxin Antibody; anti-ENPP2 antibody

PRODUCT SPECIFICATIONS

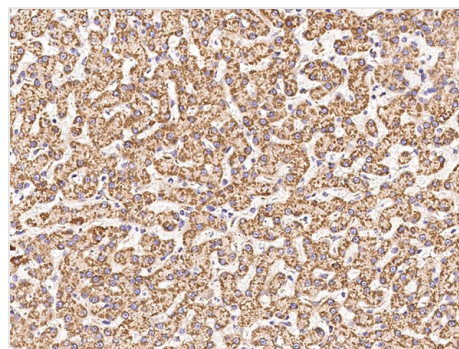
Host	Rabbit
Reactivity	Cynomolgus
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Cynomolgus Autotaxin/ENPP2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ENPP2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Cynomolgus Autotaxin/ENPP2 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Cynomolgus Autotaxin/ENPP2. Autotaxin/ENPP2 specific IgG was purified by Cynomolgus Autotaxin/ENPP2 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



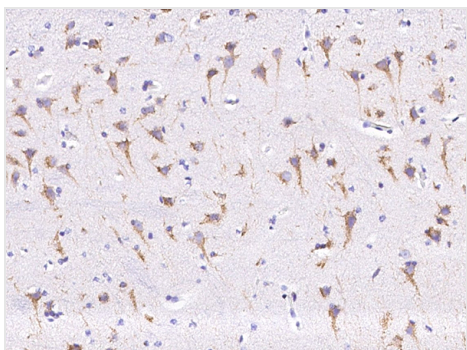
IHC (Immunohistochemistry)

Immunochemical staining of cynomolgus ENPP2 in cynomolgus tonsil with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of cynomolgus ENPP2 in cynomolgus liver with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of cynomolgus ENPP2 in cynomolgus brain with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-ENPP2 antibody	ENPP2 (Ectonucleotide pyrophosphatase/phosphodiesterase family member 2), also referred as Autotaxin, is a secreted enzyme encoded by the ENPP2 gene. This gene product stimulates the motility of tumor cells, has angiogenic properties, and its expression is upregulated in several kinds of carcinomas. The Autotaxin protein is important for generating the lipid signaling molecule lysophosphatidic acid (LPA), which is a potent mitogen, which facilitates cell proliferation and migration, neurite retraction, platelet aggregation, smooth muscle contraction, actin stress formation and cytokine and chemokine secretion. ATX has been found to catalyze the formation of cyclic phosphatidic acid (cPA), which have antitumor role by antimitogenic regulation of cell cycle, inhibition of cancer invasion and metastasis. LPA receptors and ATX are upregulated in numerous cancer cell types and show expression patterns that correlate with tumor cell invasiveness. Thus, Autotaxin has recently emerged as an attractive target for the development of anti-cancer chemotherapeutics. In addition, Serum ATX activity was found to be enhanced in relation to hepatic fibrosis in chronic liver disease due to hepatitis virus C infection.
Product Categories/Family for anti-ENPP2 antibody	Phosphatases and Regulators
References	Tania M, et al. (2010) Autotaxin: a protein with two faces. <i>Biochem Biophys Res Commun.</i> 401(4): 493-7. Ikeda H, et al. (2009) Significance of serum autotaxin activity in gastrointestinal disease. <i>Rinsho Byori.</i> 57(5): 445-9. Parrill AL, et al. (2008) Autotaxin inhibition: challenges and progress toward novel anti-cancer agents. <i>Anticancer Agents Med Chem.</i> 8(8): 917-23. Pradere J.P, et al. (2007) Secretion and lysophospholipase D activity of autotaxin by adipocytes are controlled by N-glycosylation and signal peptidase. <i>Biochim Biophys Acta.</i> 1771: 93-102. Boucher J, et al. (2005) Potential involvement of adipocyte insulin resistance in obesity-associated up-regulation of adipocyte lysophospholipase D/autotaxin expression. <i>Diabetologia.</i> 48: 569-77.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/enpp2-antibody-immunohistochemistry-elisa/257364>