



Goat Anti-Human Autotaxin polyclonal antibody (DPABB-JX31)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

| | |
|---------------------------|--|
| Specificity | This antibody recognizes endogenous human ATX and is predicted to recognize rat, mouse, horse, and feline ATX based on amino acid conservation. |
| Immunogen | ATX peptide |
| Isotype | IgG |
| Source/Host | Goat |
| Species Reactivity | Human |
| Purification | Affinity purified |
| Conjugate | Unconjugated |
| Applications | WB, ELISA Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. |
| Format | Purified, Liquid |
| Concentration | 1.0 mg/mL |
| Size | 10 µg, 50 µg, 250 µg |
| Buffer | PBS, pH 7.4 |
| Preservative | None |
| Storage | Store at -20 °C or -80°C for long term. Avoid freeze/thaw cycles. |

BACKGROUND

Introduction

Autotaxin (ATX), also known as ENPP2, cleaves choline from lysophosphatidylcholine forming lysophosphatidic acid (LPA), a potent mitogen that has been implicated in the pathophysiology of ovarian cancer. ATX has been demonstrated to increase cell motility, neovascularization, proliferation, and aggressiveness of tumors and is upregulated in numerous cancer lineages (non-small cell lung , glioma, mammary carcinoma, renal cell carcinoma, hepatocellular carcinoma). In addition, dysregulation of the ATX/LPA pathway is central to the pathophysiology of idiopathic pulmonary fibrosis, rheumatoid arthritis, and other inflammatory diseases.

Keywords

ENPP2; ectonucleotide pyrophosphatase/phosphodiesterase 2; PDNP2; ectonucleotide pyrophosphatase/phosphodiesterase family member 2; ATX; autotaxin; PD IALPHA; ATX; ATX X; Autotaxin; Autotaxin t; E NPP 2; E-NPP 2; Ectonucleotide pyrophosphatase/phosphodies

GENE INFORMATION

Synonyms

ENPP2; ectonucleotide pyrophosphatase/phosphodiesterase 2; PDNP2; ectonucleotide pyrophosphatase/phosphodiesterase family member 2; ATX; autotaxin; PD IALPHA; ATX; ATX X; Autotaxin; Autotaxin t; E NPP 2; E-NPP 2; Ectonucleotide pyrophosphatase/phosphodiesterase 2; Ectonucleotide pyrophosphatase/phosphodiesterase family member 2; Enpp2; ENPP2_HUMAN; Extracellular lysophospholipase D; FLJ26803; LysoPLD; NPP2; PD IALPHA; PDNP2; Phosphodiesterase I alpha; Phosphodiesterase I/nucleotide pyrophosphatase 2; Plasma lysophospholipase D; E-NPP 2; autotaxin-t; OTTHUMP00000228158; OTTHUMP00000228159; OTTHUMP00000228161; OTTHUMP00000228162; plasma lysophospholipase D; extracellular lysophospholipase D; phosphodiesterase I/nucleotide py; NPP2; ATX-X; LysoPLD; AUTOTAXIN; PD-IALPHA;

Entrez Gene ID

[5168](#)

UniProt ID

[Q13822](#)