

Product datasheet for **TA322012**

ENPP6 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 10-50 Positive control: Human cervical cancer Predicted cell location: Cytoplasm, Cell membrane
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 119-419 amino acids of human ectonucleotide pyrophosphatase/phosphodiesterase 6
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ectonucleotide pyrophosphatase/phosphodiesterase 6
Database Link:	NP_699174 Entrez Gene 306460 Rat Entrez Gene 320981 Mouse Entrez Gene 133121 Human Q6UWR7



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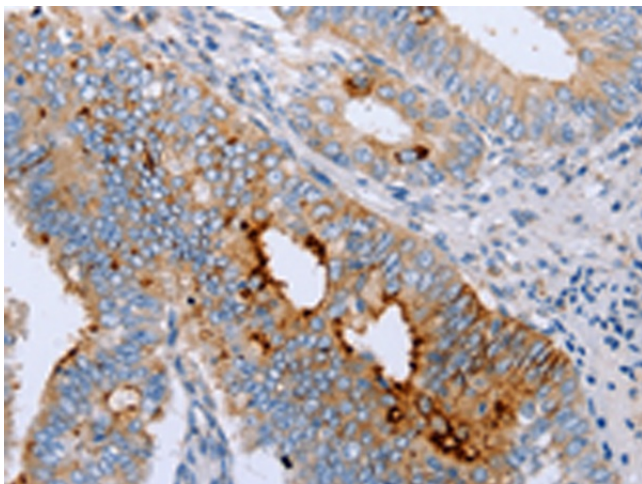
Background: Choline-specific glycerophosphodiester phosphodiesterase. Hydrolyzes lysophosphatidylcholine (LPC) to form monoacylglycerol and phosphorylcholine but not lysophosphatidic acid; showing it has a lysophospholipase C activity. Has a preference for LPC with short (12:0 and 14:0) or polyunsaturated (18:2 and 20:4) fatty acids. Also hydrolyzes glycerophosphorylcholine and sphingosylphosphorylcholine efficiently. Hydrolyzes the classical substrate for phospholipase C; p-nitrophenyl phosphorylcholine in vitro; while it does not hydrolyze the classical nucleotide phosphodiesterase substrate; p-nitrophenyl thymidine 5'-monophosphate. Does not hydrolyze diacyl phospholipids such as phosphatidylethanolamine; phosphatidylinositol; phosphatidylserine; phosphatidylglycerol and phosphatidic acid.

Synonyms: NPP6

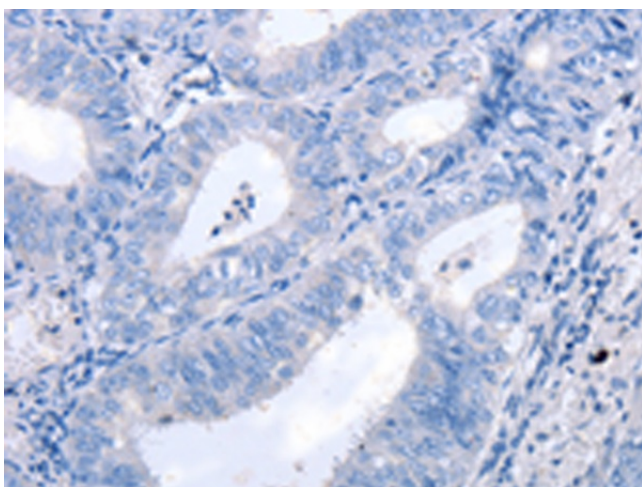
Protein Families: Secreted Protein

Protein Pathways: Ether lipid metabolism

Product images:



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA322012 (ENPP6 Antibody) at dilution 1/15 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA322012 (ENPP6 Antibody) at dilution 1/15, treated with fusion protein. (Original magnification: ×200)