

Entpd7 Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13036

Product Information

Application	WB
Primary Accession	Q3TCT4
Other Accession	NM_053103 , NP_444333
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68974

Additional Information

Gene ID	93685
Alias Symbol Other Names	1810012B13Rik, 1810020C02Rik, 2810003F23Rik, LALP1, Lysal2 Ectonucleoside triphosphate diphosphohydrolase 7, NTPDase 7, 3.6.1.-, Lysosomal apyrase-like protein 1, Entpd7, Kiaa4066, Lalp1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Entpd7 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Entpd7 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

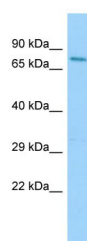
Name	Entpd7
Synonyms	Kiaa4066, Lalp1 {ECO:0000303 PubMed:1127
Function	Catalyzes the hydrolysis of nucleoside triphosphates and diphosphates in a calcium- or magnesium-dependent manner. Preferentially hydrolyzes nucleoside 5'-triphosphates, with substrate preference for UTP > GTP > CTP. Hydrolyzes nucleoside diphosphates only to a minor extent (By similarity). In contrast to its human ortholog is able to hydrolyze ATP. In the epithelial cells of small intestine controls luminal ATP levels, therefore regulating Th17-cell development (PubMed: 23241884).

Cellular Location	Cytoplasmic vesicle membrane {ECO:0000250 UniProtKB:Q9NQZ7}; Multi-pass membrane protein
Tissue Location	Widely expressed. Expressed at high level in brain, kidney, liver, testis and small intestine. Weakly expressed in lung, thymus and heart.

References

Shi J.-D., et al. J. Biol. Chem. 276:17474-17478(2001).
Carninci P., et al. Science 309:1559-1563(2005).
Okazaki N., et al. Submitted (FEB-2005) to the EMBL/GenBank/DDBJ databases.

Images



Host: Rabbit
Target Name: Entpd7
Sample Tissue: Mouse Muscle lysates
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.