

Entpd7 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13036**Specification**

Entpd7 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q3TCT4
Other Accession	NM_053103 , NP_444333
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69kDa KDa

Entpd7 Antibody - C-terminal region - Additional Information**Gene ID** 93685**Alias Symbol** 1810012B13Rik, 1810020C02Rik, 2810003F23Rik, LALP1, Lysal2**Other Names**

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.

Entpd7 Antibody - C-terminal region - 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.

Entpd7 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Entpd7 Antibody - C-terminal region - Images



Host: Rabbit

Target Name: Entpd7

Sample Tissue: Mouse Muscle lysates

Antibody Dilution: 1.0µg/ml

Entpd7 Antibody - C-terminal region - 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/DBJ databases.