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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

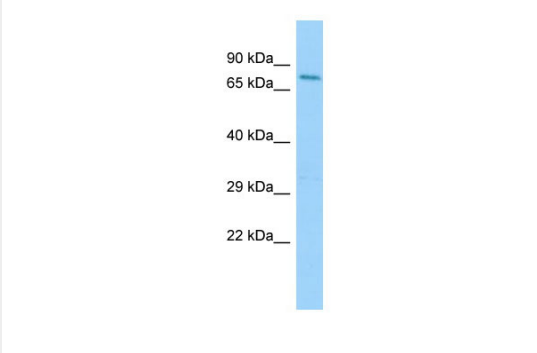
Tissue Location
Widely expressed. Expressed at high level in brain, kidney, liver, testis and small intestin. Weakly expressed in lung, thymus and heart.

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 Cytomety
- 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/DDBJ databases.