

ENTPD4 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55641**Specification****ENTPD4 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q9Y227
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	70255

ENTPD4 Polyclonal Antibody - Additional Information**Gene ID** 9583**Other Names**

Ectonucleoside triphosphate diphosphohydrolase 4, NTPDase 4, 3.6.1.15, 3.6.1.6, Golgi UDPase, Lysosomal apyrase-like protein of 70 kDa, Uridine-diphosphatase, UDPase, 3.6.1.42, ENTPD4 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=14573)
HGNC:14573

Dilution

IHC-P ~ N/A
IHC-F ~ N/A
IF ~ 1:50 ~ 200
ICC ~ N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

ENTPD4 Polyclonal Antibody - Protein Information**Name** ENTPD4 ([HGNC:14573](#))**Function**

[Isoform 1]: Catalyzes the hydrolysis of nucleoside triphosphates and diphosphates in a calcium- or magnesium-dependent manner, with a preference for pyrimidines. Preferentially hydrolyzes UTP and TTP. AMP, ADP, ATP and UMP are not substrates (PubMed: [10858452](http://www.uniprot.org/citations/10858452), PubMed: [9556635](http://www.uniprot.org/citations/9556635)). Preferentially activated by Ca(2+) over Mg(2+) (PubMed: [10858452](http://www.uniprot.org/citations/10858452)).

Cellular Location

[Isoform 1]: Cytoplasmic vesicle, autophagosome membrane; Multi-pass membrane protein. Lysosome membrane; Multi-pass membrane protein

Tissue Location

Ubiquitous. Highest expression in testis and lowest in bladder.

ENTPD4 Polyclonal Antibody - 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](#)

ENTPD4 Polyclonal Antibody - Images