

ENTPD4 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55641

Product Information

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

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 (HGNC:14573)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500
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.

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 , PubMed: 9556635). Preferentially activated by Ca(2+) over Mg(2+) (PubMed: 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.

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