10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ENTPD8 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55642

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q5MY95
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53904

Additional Information

Gene ID	377841
Other Names	Ectonucleoside triphosphate diphosphohydrolase 8, E-NTPDase 8, NTPDase 8, NTPDase8, 3.6.1.5, ENTPD8
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	ENTPD8 (HGNC:24860)
Function	Canalicular ectonucleoside NTPDase responsible for the main hepatic NTPDase activity (PubMed:17095758). Catalyzes the hydrolysis of nucleoside triphosphates (NTPs) and diphosphates (NDPs) (PubMed:16752921, PubMed:17095758, PubMed:17603550). The enzyme sequentially removes phosphate groups in two successive steps, converting NTPs to nucleoside monophosphates (NMPs) via NDP intermediates (PubMed:16752921, PubMed:17095758, PubMed:17603550). This activity contributes to the regulation of extracellular levels of nucleotides (PubMed:16752921, PubMed:17095758, PubMed:17603550). Hydrolyzes ATP, UTP, ADP, and UDP and prefers triphosphonucleosides and adenine over uracil as substrates (PubMed:17095758). Does not hydrolyzes AMP (PubMed:17095758).
Cellular Location	Cell membrane {ECO:0000250|UniProtKB:Q5DRK1}; Multi-pass membrane protein. Note=Localized in the canalicular membrane vesicle. {ECO:0000250|UniProtKB:Q5DRK1}

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