ENTPD1 Polyclonal Antibody

catalog number: **E-AB-53347**

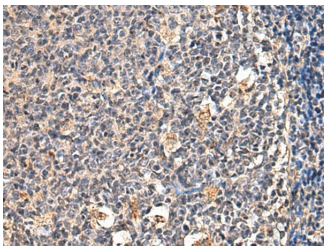
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

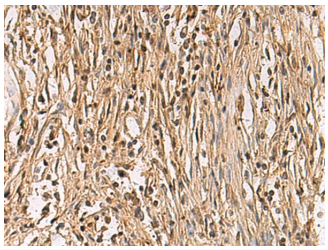
Reactivity	Human;Mouse;Rat
Immunogen	Synthetic peptide of human ENTPD1
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
IHC	1:50-1:100

Data



Immunohistochemistry of paraffin-embedded Human tonsil tissue using ENTPD1 Polyclonal Antibody at dilution of 1:60(×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ENTPD1 Polyclonal Antibody at dilution of 1:60(×200)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

ENTPD1(Ectonucleoside triphosphate diphosphohydrolase 1) is also named as CD39,NTPDase 1,Ecto-ATPDase 1 and belongs to the GDA1/CD39 NTPase family. In the nervous system,it can hydrolyze ATP and other nucleotides to regulate purinergic neurotransmission.It is a noncovalent tetrameric protein and that detergent inhibition of enzymatic activity is caused by dissociation of ectoapyrase tetramers into monomers.And it is a 70- to 100-kDa protein that is heavily N-glycosylated. This protein has 6 glycosylation sites and 3 isoforms(58 kDa,59 kDa and 34 kDa) produced by alternative splicing. The soluble isoform of CD39(38-478 amino acid) locates to the extracellular part and this antibody can recognize the soluble form of CD39 (38-478aa) molecule.

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