

ENTPD1 Polyclonal Antibody

Catalog Number:E-AB-53347



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

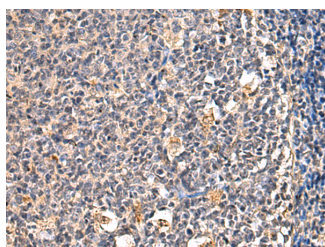
Description

Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide of human ENTPD1
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4

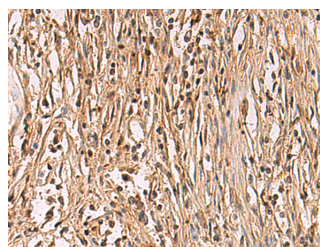
Applications Recommended Dilution

IHC	1:50-1:100
ELISA	1:5000-1:10000

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. Avoid freeze / thaw cycles.

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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