

Nur für Forschungszwecke

CD39/ENTPD1 Polyklonaler Antikörper



Katalog-Nr.: 14211-1-AP

5 Publikationen

Allgemeine Informationen

Katalog-Nr.: 14211-1-AP	GenBank-Zugangsnummer: BC047664	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 300 µg/ml von Nanodrop;	GeneID (NCBI): 953	Empfohlene Verdünnungen: WB 1:200-1:1000 IHC 1:50-1:500 IF 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: ectonucleoside triphosphate diphosphohydrolase 1	
Isotyp: IgG	Berechnete Masse: 58 kDa	
Immunogen Katalognummer: AG5429	Beobachtete Masse: 50 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: Maus-Plazenta-Gewebe, humanes Plazenta-Gewebe

IHC: humanes Plazenta-Gewebe, humanes Lebergewebe, humanes Tonsillitisgewebe

IF: HeLa-Zellen,

Hintergrundinformationen

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(PMID: 9733785). And it is a 70- to 100-kDa protein that is heavily N-glycosylated(PMID:7930580). This protein has 6 glycosylation sites and 3 isoforms(58 kDa, 59 kDa and 34 kDa) produced by alternative splicing.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Moyuru Hayashi	33146549	Am J Physiol Gastrointest Liver Physiol	IHC
Federica Costa	28915615	Oncotarget	IHC
Xing-Cheng Zhao	29996846	BMC Med Genomics	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

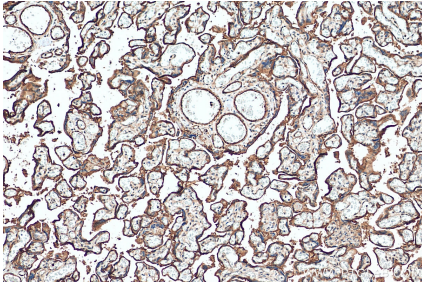
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

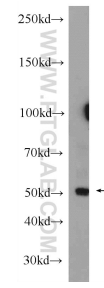
Ausgewählte Validierungsdaten



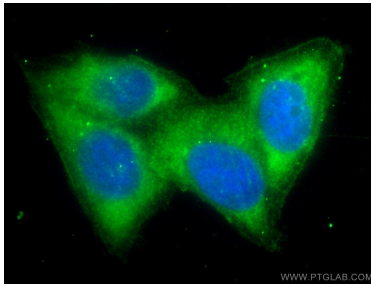
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 14211-1-AP (CD39/ENTPD1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



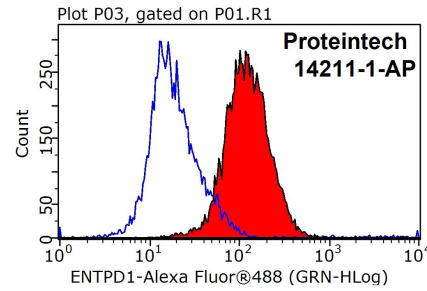
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 14211-1-AP (CD39/ENTPD1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



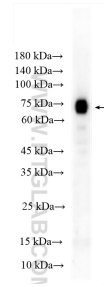
mouse placenta tissue were subjected to SDS PAGE followed by western blot with 14211-1-AP (ENTPD1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



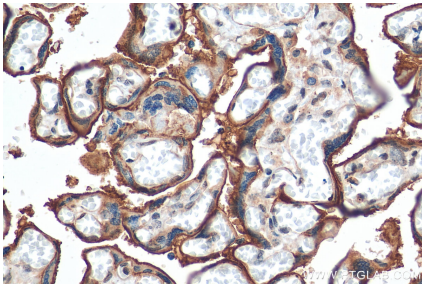
Immunofluorescent analysis of HeLa cells using 14211-1-AP (ENTPD1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1×10^6 Jurkat cells were stained with 0.5ug ENTPD1 antibody (14211-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



human placenta tissue were subjected to SDS PAGE followed by western blot with 14211-1-AP (CD39/ENTPD1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 14211-1-AP (CD39/ENTPD1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).