

Nur für Forschungszwecke

P2RX4 Polyklonaler Antikörper

Katalog-Nr.:13534-1-AP

Vorgestelltes Produkt

9 Publikationen



Allgemeine Informationen

Katalog-Nr.: 13534-1-AP	GenBank-Zugangsnummer: BC033826	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 5025	Empfohlene Verdünnungen: WB 1:1000-1:8000
Wirt: Kaninchen	Vollständiger Name: purinergic receptor P2X, ligand-gated ion channel, 4	
Isotyp: IgG	Berechnete Masse: 388 aa, 43 kDa	
Immunogen Katalognummer: AG4445	Beobachtete Masse: 45-60 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : HeLa-Zellen,
In Publikationen genannte Anwendungen: IF, IHC, WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Human, Maus, Ratte	

Hintergrundinformationen

Nucleotides, the structural subunits of the nucleic acids, are also important extracellular signaling molecules. P2 receptors are a family of cell surface receptors that mediate a wide variety of physiologic effects in response to extracellular nucleotides. These receptors fall into two classes: P2X receptors, which are ligand-gated ion channels that mediate calcium and potassium fluxes in response to ATP, and P2Y receptors, which are G protein-coupled receptors (GPCRs). P2RX4 (P2X purinoceptor 4) is a receptor for ATP acting as a ligand gated ion channel. The calculated molecular weight of P2RX4 is 43 kDa, larger apparent molecular weights of 50-80 kDa have been reported, possibly due to post-translational glycosylation (PMID: 24040145, 15262999; 29382907; 12566439). The antibody can detect the band around 45 kDa.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yexian Yuan	35507647	Sci Adv	WB
Si-Ting Wu	35352488	CNS Neurosci Ther	IF
Zhuo Lin	33828988	Front Oncol	IHC

Lagerung

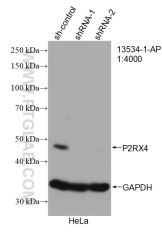
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

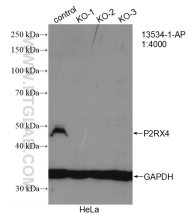
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



WB result of P2RX4 antibody (13534-1-AP; 1:4000; room temperature for 1.5 hours) with sh-control and sh-P2RX4 transfected HeLa cells.



WB result of P2RX4 antibody (13534-1-AP; 1:4000; room temperature for 1.5 hours) with wild-type and P2RX4 knockout HeLa cells.