

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-P2RX4



Numéro de catalogue: 13534-1-AP

Phare

11 Publications

## Informations de base

<b>Numéro de catalogue:</b> 13534-1-AP	<b>Numéro d'acquisition GenBank:</b> BC033826	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul , Concentration: 500 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 5025	<b>Dilutions recommandées:</b> WB 1:1000-1:8000
<b>Hôte:</b> Lapin	<b>Nom complet:</b> purinergic receptor P2X, ligand-gated ion channel, 4	
<b>Isotype:</b> IgG	<b>MW calculé</b> 388 aa, 43 kDa	
<b>Immunogen Catalog Number:</b> AG4445	<b>MW observés:</b> 45-60 kDa	

## Applications

<b>Applications testées:</b> WB, ELISA	<b>Contrôles positifs:</b> WB : cellules HeLa,
<b>Demandes citées:</b> IF, IHC, WB	
<b>Spécificité de l'espèce:</b> Humain, souris	
<b>Espèces citées:</b> Humain, rat, souris	

## Informations générales

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.

## Publications notables

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

## Stockage

**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

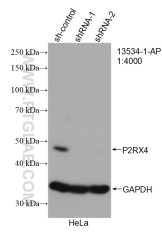
For technical support and original validation data for this product please contact:

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

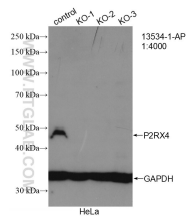
E: proteintech@ptglab.com  
W: ptglab.com

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

## Données de validation sélectionnées



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.