

P2RX3 Antibody

Catalog No: #37787



Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

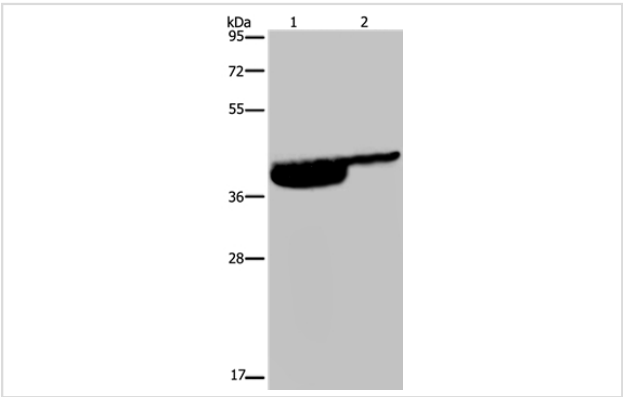
Product Name	P2RX3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total P2RX3 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human purinergic receptor P2X, ligand-gated ion channel, 3
Target Name	P2RX3
Other Names	P2X3
Accession No.	Swiss-Prot#: P56373NCBI Gene ID: 5024Gene Accssion: NP_002550
Uniprot	P56373
GeneID	5024;
SDS-PAGE MW	44kd
Concentration	2.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

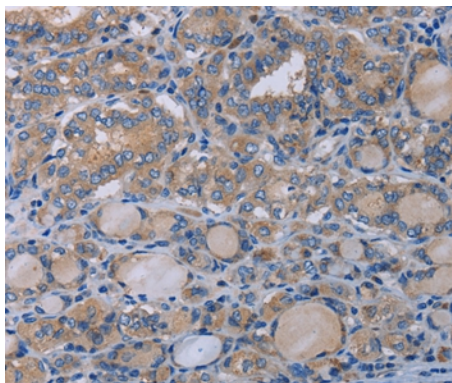
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

Images



Gel: 8%SDS-PAGE
Lysates (from left to right): Human bladder and bladder transitional cell carcinoma tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/250 dilution
Secondary antibody dilution: 1/8000
Exposure time: 10 minutes



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #37787 at dilution 1/50.

Background

The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel and may transduce ATP-evoked nociceptor activation. Mouse studies suggest that this receptor is important for peripheral pain responses, and also participates in pathways controlling urinary bladder volume reflexes. It is possible that the development of selective antagonists for this receptor may have a therapeutic potential in pain relief and in the treatment of disorders of urine storage.

Note: This product is for in vitro research use only