P2RX2 Conjugated Antibody

Catalog No: #C37788

Package Size: #C37788-AF350 100ul #C37788-AF405 100ul #C37788-AF488 100ul #C37788-AF555 100ul #C37788-AF594 100ul #C37788-AF647 100ul #C37788-AF680 100ul #C37788-AF750 100ul #C37788-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	P2RX2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total P2RX2 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human purinergic receptor P2X, ligand-gated ion channel, 2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	P2X2; DFNA41
Accession No.	Swiss-Prot#:Q9UBL9NCBI Gene ID:22953NCBI mRNA#:NCBI Protein#:NP_002550
Uniprot	Q9UBL9
GeneID	22953;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	52
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel. Binding to ATP mediates synaptic transmission between neurons and from neurons to smooth muscle. Multiple transcript variants encoding distinct isoforms have been identified for this gene.

Note: This product is for in vitro research use only