P2RX6 Conjugated Antibody

Catalog No: #C27301

Package Size: #C27301-AF350 100ul #C27301-AF405 100ul #C27301-AF488 100ul #C27301-AF555 100ul #C27301-AF594 100ul #C27301-AF647 100ul #C27301-AF680 100ul #C27301-AF750 100ul #C27301-Biotin 100ul

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

Description

Product Name	P2RX6 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	most applications
Species Reactivity	Ms
Immunogen Description	Recombinant fusion protein of human P2RX6 (NP_001153026.1).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	P2RX6; P2RXL1; P2X6; P2XM; P2X purinoceptor 6
Accession No.	Swiss-Prot#:O15547NCBI Gene ID:9127
Uniprot	O15547
GeneID	9127;
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	49kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in 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 protein encoded by this gene belongs to the family of P2X receptors, which are ATP-gated ion channels and mediate rapid and selective permeability to cations. This gene is predominantly expressed in skeletal muscle, and regulated by p53. The encoded protein is associated with VE-cadherin at the adherens junctions of human umbilical vein endothelial cells. Alternative splicing results in multiple transcript variants. A related pseudogene, which is also located on chromosome 22, has been identified.

Note: This product is for in vitro research use only