PPP1R16B Conjugated Antibody

Catalog No: #C34931

Package Size: #C34931-AF350 100ul #C34931-AF405 100ul #C34931-AF488 100ul #C34931-AF555 100ul #C34931-AF594 100ul #C34931-AF647 100ul #C34931-AF680 100ul #C34931-AF750 100ul #C34931-Biotin 100ul

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Description

Product Name	PPP1R16B Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total PPP1R16B protein.
Immunogen Description	Synthesized peptide derived from internal of human PPP1R16B.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	TGF-beta-inhibited membrane-associated protein;hTIMAP;CAAX box protein TIMAP;Ankyrin repeat domain-containing protein 4
Accession No.	Swiss-Prot#:Q96T49NCBI Gene ID:26051
Uniprot	Q96T49
GeneID	26051;
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	64
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

Product Description

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Background

Regulator of protein phosphatase 1 (PP1) that acts as a positive regulator of pulmonary endothelial cell (EC) barrier function. Involved in PKA-mediated moesin dephosphorylation which is important in EC barrier protection against thrombin stimulation. Promotes the interaction of PPP1CA with RPSA/LAMR1 and in turn facilitates the dephosphorylation of RPSA/LAMR1. Involved in the regulation of endothelial cell filopodia extension. May be a downstream target for TGF-beta1 signaling cascade in endothelial cells.

Note: This product is for in vitro research use only