WIPI2 Conjugated Antibody

Catalog No: #C43814

Package Size: #C43814-AF350 100ul #C43814-AF405 100ul #C43814-AF488 100ul #C43814-AF555 100ul #C43814-AF594 100ul #C43814-AF647 100ul #C43814-AF680 100ul #C43814-AF750 100ul #C43814-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	WIPI2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total WIPI2 protein.
Immunogen Description	Synthetic peptide of human WIPI2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Atg21;ATG18B;CGI-50;WIPI-2
Accession No.	Swiss-Prot#:Q9Y4P8NCBI Gene ID:26100NCBI mRNA#:NCBI Protein#:NP_056425
Uniprot	Q9Y4P8
GeneID	26100;
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	49
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

WD40 repeat proteins are key components of many essential biologic functions. They regulate the assembly of multiprotein complexes by presenting a beta-propeller platform for simultaneous and reversible protein-protein interactions. Members of the WIPI subfamily of WD40 repeat proteins, such as WIPI2, have a 7-bladed propeller structure and contain a conserved motif for interaction with phospholipids.

Note: This product is for in vitro research use only