NDFIP1 Conjugated Antibody

Catalog No: #C35199

Package Size: #C35199-AF350 100ul #C35199-AF405 100ul #C35199-AF488 100ul #C35199-AF555 100ul #C35199-AF594 100ul #C35199-AF647 100ul #C35199-AF680 100ul #C35199-AF750 100ul #C35199-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	NDFIP1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total NDFIP1 protein.
Immunogen Description	Synthesized peptide derived from C-terminal of human NDFIP1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Breast cancer-associated protein SGA-1M;MGC10924;N4WBP5;NDFIP1;Nedd4 family interacting protein 1
Accession No.	Swiss-Prot#:Q9BT67NCBI Gene ID:80762
Uniprot	Q9BT67
GeneID	80762;
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	25
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

Activates HECT domain-containing E3 ubiquitin-protein ligases, including NEDD4 and ITCH, and consequently modulates the stability of their targets. As a result, controls many cellular processes. Prevents chronic T-helper cells-mediated inflammation by activating ITCH and thus controlling JUNB degradation By similarity. In cortical neurons, mediates the ubiquitination of SLC11A2/DMT1 by NEDD4L, leading to down-regulation of the divalent metal transporter and protection of the cells from cobalt and iron toxicity. Modulates EGFR signaling through multiple pathways. In particular, may regulate the ratio of AKT1-to-MAPK8 signaling in response to EGF, acting on AKT1 probably through PTEN destabilization and on MAPK8 through ITCH-dependent MAP2K4 inactivation. As a result, may control cell growth rate.

Note: This product is for in vitro research use only