

PKR(Phospho-T446) Conjugated Antibody

Catalog No: #C13351



Package Size: #C13351-AF350 100ul #C13351-AF405 100ul #C13351-AF488 100ul
 #C13351-AF555 100ul #C13351-AF594 100ul #C13351-AF647 100ul
 #C13351-AF680 100ul #C13351-AF750 100ul #C13351-Biotin 100ul

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

Description

Product Name	PKR(Phospho-T446) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	E3 ubiquitin protein ligase NEDD4 like protein antibody E3 ubiquitin-protein ligase NEDD4-like antibody KIAA0439 antibody NED4L_HUMAN antibody NEDD4 2 antibody NEDD4 2c antibody Nedd4-2 antibody NEDD4-2a antibody NEDD4.2 antibody NEDD4b antibody NEDD4L antibody NEDD4La antibody NEDD4Lb antibody NEDD4Lc antibody NEDD4Ld antibody NEDD4Le antibody NEDD4Lf antibody NEDD4Lg antibody NEDD4Lh antibody NEDL3 antibody Neural precursor cell expressed developmentally down regulated 4 like E3 ubiquitin protein ligase antibody Neural precursor cell expressed, developmentally down regulated 4 like antibody RSP5 antibody Ubiquitin protein ligase Rsp5 antibody
Accession No.	Swiss-Prot#:Q96PU5
Uniprot	Q96PU5
GeneID	23327;
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	112
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

NEDD4-L (neural precursor cell expressed, developmentally down-regulated 4-like), also known as RSP5, NEDD4-2 or NEDL3, is a 975 amino acid protein that localizes to the cytoplasm and contains four WW domains, one HECT domain and one C2 domain. Expressed ubiquitously with highest expression in pancreas, prostate and kidney, NEDD4-L functions as an E3 ubiquitin-protein ligase that, characteristic of E3 ligase proteins, accepts ubiquitin (in the form of a thioester) from an E2 ubiquitin-conjugating enzyme and transfers that ubiquitin residue to substrates targeted for degradation. Through its ability to ubiquitinate and induce the proteasome-dependent degradation of proteins such as Smad2 and TGF β RII, NEDD4-L is thought to inhibit the TGF β signaling pathway, thereby regulating the signaling pathways that control cell growth and differentiation. NEDD4-L is expressed as eight isoforms due to alternative splicing events.

Note: This product is for in vitro research use only