CNOT2 (Ab-101) Conjugated Antibody

Catalog No: #C33291

Package Size: #C33291-AF350 100ul #C33291-AF405 100ul #C33291-AF488 100ul #C33291-AF555 100ul #C33291-AF594 100ul #C33291-AF647 100ul #C33291-AF680 100ul #C33291-AF750 100ul #C33291-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	CNOT2 (Ab-101) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CNOT2 protein.
Immunogen Description	Synthesized non-phosphopeptide derived from human CNOT2 around the phosphorylation site of serine 101 (S-L-S(p)-Q-G).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CCR4-associated factor 2;CCR4-NOT transcription complex subunit 2;CCR4-NOT transcription complex;subunit 2;CDC36
Accession No.	Swiss-Prot#:Q9NZN8NCBI Gene ID:4848
Uniprot	Q9NZN8
GeneID	4848;
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	46
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

Component of the CCR4-NOT complex which is one of the major cellular mRNA deadenylases and is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. Additional complex functions may be a consequence of its influence on mRNA expression. Required for the CCR4-NOT complex structural integrity. Can repress transcription and may link the CCR4-NOT complex to transcriptional regulation; the repressive function may specificly involve the N-Cor repressor complex containing HDAC3, NCOR1 and NCOR2. Involved in the maintenance of emryonic stem (ES) cell identity.

Note: This product is for in vitro research use only