

Rel (Ab-503) Conjugated Antibody

Catalog No: #C21020



Package Size: #C21020-AF350 100ul #C21020-AF405 100ul #C21020-AF488 100ul
 #C21020-AF555 100ul #C21020-AF594 100ul #C21020-AF647 100ul
 #C21020-AF680 100ul #C21020-AF750 100ul #C21020-Biotin 100ul

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Description

Product Name	Rel (Ab-503) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Rel protein.
Immunogen Description	Peptide sequence around aa.501~505 (T-S-S-D-S) derived from Human Rel.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	C-Rel
Accession No.	Swiss-Prot#:Q04864NCBI Gene ID:5966NCBI mRNA#:NM_002908.2 NCBI Protein#:NP_002899.1
Uniprot	Q04864
GeneID	5966;
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	78
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

Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Background

The REL gene encodes c-Rel, a transcription factor that is a member of the Rel/NFκB family, which also includes RELA (MIM 164014), RELB (604758), NFκB1 (MIM 164011), and NFκB2 (MIM 164012). These proteins are related through a highly conserved N-terminal region termed the 'Rel domain,' which is responsible for DNA binding, dimerization, nuclear localization, and binding to the NFκB inhibitor (MIM 164008) (Belguise and Sonenshein, 2007 (PubMed18037997)).

Note: This product is for in vitro research use only