

RUVBL2 Conjugated Antibody

Catalog No: #C43009



Package Size: #C43009-AF350 100ul #C43009-AF405 100ul #C43009-AF488 100ul
 #C43009-AF555 100ul #C43009-AF594 100ul #C43009-AF647 100ul
 #C43009-AF680 100ul #C43009-AF750 100ul #C43009-Biotin 100ul

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Description

Product Name	RUVBL2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total RUVBL2 protein.
Immunogen Description	Fusion protein of human RUVBL2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	RVB2; TIH2; ECP51; TIP48; CGI-46; INO80J; REPTIN; TIP49B
Accession No.	Swiss-Prot#:Q9Y230NCBI Gene ID:10856NCBI mRNA#:NCBI Protein#:
Uniprot	Q9Y230
GeneID	10856;
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	51KD
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

This gene encodes the second human homologue of the bacterial RuvB gene. Bacterial RuvB protein is a DNA helicase essential for homologous recombination and DNA double-strand break repair. Functional analysis showed that this gene product has both ATPase and DNA helicase activities. This gene is physically linked to the CGB/LHB gene cluster on chromosome 19q13.3, and is very close (55 nt) to the LHB gene, in the opposite orientation.?

Note: This product is for in vitro research use only