

Anti-RO60 antibody



Description	Rabbit polyclonal to RO60.
Model	STJ95524
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human RO60
Immunogen Region	280-360 aa, Internal
Gene ID	6738
Gene Symbol	TROVE2
Dilution range	WB 1:500-1:2000ELISA 1:20000
Specificity	RO60 Polyclonal Antibody detects endogenous levels of RO60 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	60 kDa SS-A/Ro ribonucleoprotein 60 kDa Ro protein 60 kDa ribonucleoprotein Ro RoRNP Ro 60 kDa autoantigen Sjogren syndrome antigen A2 Sjogren syndrome type A antigen SS-A TROVE domain family member 2
Molecular Weight	70 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11313OMIM:600063
Alternative Names	60 kDa SS-A/Ro ribonucleoprotein 60 kDa Ro protein 60 kDa ribonucleoprotein Ro RoRNP Ro 60 kDa autoantigen Sjogren syndrome antigen A2 Sjogren syndrome type A antigen SS-A TROVE domain family member 2
Function	RNA-binding protein that binds to misfolded non-coding RNAs, pre-5S rRNA, and several small cytoplasmic RNA molecules known as Y RNAs. May stabilize some of these RNAs and protect them from degradation. May play roles in cilia formation and/or maintenance.
Sequence and Domain Family	The horseshoe-shaped TROVE domain is built with 7 helical HEAT-like repeats, and is closed by the VWFA-like domain giving rise to a ring-shaped monomer. Single-stranded RNA is bound in the positively charged central cavity . The MIDAS-like motif in the VWFA-like domain binds divalent metal cations.
Cellular Localization	Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.