

TROVE2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51710

Product Information

Application	WB
Primary Accession	P10155
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	60671

Additional Information

Gene ID	6738
Other 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, TROVE2, RO60, SSA2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TROVE2. The exact sequence is proprietary.
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	RO60 (HGNC:11313)
Function	RNA-binding protein that binds to misfolded non-coding RNAs, pre-5S rRNA, and several small cytoplasmic RNA molecules known as Y RNAs (PubMed: 18056422 , PubMed: 26382853). Binds to endogenous Alu retroelements which are induced by type I interferon and stimulate proinflammatory cytokine secretion (PubMed: 26382853). Regulates the expression of Alu retroelements as well as inflammatory genes (PubMed: 26382853). May play roles in cilia formation and/or maintenance (By similarity).
Cellular Location	Cytoplasm. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

Background

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.

References

- Deutscher S.L.,et al.Proc. Natl. Acad. Sci. U.S.A. 85:9479-9483(1988).
Ben-Chetrit E.,et al.J. Clin. Invest. 83:1284-1292(1989).
Buyon J.P.,et al.Submitted (OCT-1996) to the EMBL/GenBank/DDBJ databases.
Han Q.,et al.Submitted (DEC-2002) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).

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