

# TROVE2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51710

## Product Information

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Application	WB
Primary Accession	<a href="#">P10155</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	60671

## Additional Information

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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
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

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Name	RO60 ( <a href="#">HGNC:11313</a> )
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: <a href="#">18056422</a> , PubMed: <a href="#">26382853</a> ). Binds to endogenous Alu retroelements which are induced by type I interferon and stimulate proinflammatory cytokine secretion (PubMed: <a href="#">26382853</a> ). Regulates the expression of Alu retroelements as well as inflammatory genes (PubMed: <a href="#">26382853</a> ). May play roles in cilia formation and/or maintenance (By similarity).
Cellular Location	Cytoplasm. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

## Background

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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

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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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