

**TROVE2 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51710****Specification**

---

**TROVE2 Antibody - Product Information**

|                   |                          |
|-------------------|--------------------------|
| Application       | <b>WB, E</b>             |
| Primary Accession | <a href="#">P10155</a>   |
| Reactivity        | <b>Human, Mouse, Rat</b> |
| Host              | <b>Rabbit</b>            |
| Clonality         | <b>Polyclonal</b>        |
| Calculated MW     | <b>60 KDa</b>            |

**TROVE2 Antibody - 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

**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

**TROVE2 Antibody - 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](http://www.uniprot.org/citations/18056422), PubMed:[26382853](http://www.uniprot.org/citations/26382853)). Binds to endogenous Alu retroelements which are induced by type I interferon and stimulate proinflammatory cytokine secretion (PubMed:[26382853](http://www.uniprot.org/citations/26382853)). Regulates the expression of Alu retroelements as well as inflammatory genes (PubMed:[26382853](http://www.uniprot.org/citations/26382853)). May play roles in cilia formation and/or maintenance (By similarity).

**Cellular Location**

Cytoplasm. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

## **TROVE2 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **TROVE2 Antibody - Images**

## **TROVE2 Antibody - 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.

## **TROVE2 Antibody - 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).