

**TROVE2 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17234b****Specification**

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**TROVE2 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P10155</a>
Other Accession	<a href="#">O08848</a> , <a href="#">NP_001035828.1</a> , <a href="#">NP_001166995.1</a>
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	60671
Antigen Region	467-495

**TROVE2 Antibody (C-term) - 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**

This TROVE2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 467-495 amino acids from the C-terminal region of human TROVE2.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TROVE2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**TROVE2 Antibody (C-term) - 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**

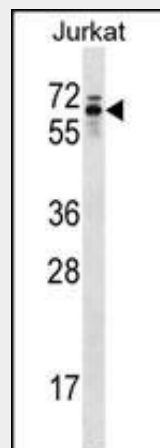
Cytoplasm. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

#### **TROVE2 Antibody (C-term) - 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 (C-term) - Images**



TROVE2 Antibody (C-term) (Cat. #AP17234b) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the TROVE2 antibody detected the TROVE2 protein (arrow).

#### **TROVE2 Antibody (C-term) - Background**

RNA-binding protein that binds to several small cytoplasmic RNA molecules known as Y RNAs. May stabilize these RNAs from degradation.

#### **TROVE2 Antibody (C-term) - References**

- Reed, J.H., et al. *Arthritis Rheum.* 62(5):1448-1456(2010)  
Davila, S., et al. *Genes Immun.* 11(3):232-238(2010)  
Clancy, R.M., et al. *J. Immunol.* 184(4):2148-2155(2010)  
Reed, J.H., et al. *Arthritis Rheum.* 60(3):860-869(2009)  
Barcellos, K.S., et al. *J. Rheumatol.* 34(6):1283-1292(2007)