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TROVE2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP17234b

Specification

TROVE2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P10155

TROVE2 Antibody (C-term) Blocking Peptide - 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, Sjoegren syndrome antigen A2, Sjoegren syndrome type A antigen, SS-A, TROVE domain family member 2, TROVE2, RO60, SSA2

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TROVE2 Antibody (C-term) Blocking Peptide - 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 porinflammatory 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.

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TROVE2 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

TROVE2 Antibody (C-term) Blocking Peptide - Images

TROVE2 Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - 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)