



RO60 Polyclonal Antibody

Catalog No	BYab-20502
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC
Gene Name	TROVE2
Protein Name	60 kDa SS-A/Ro ribonucleoprotein
Immunogen	The antiserum was produced against synthesized peptide derived from human TROVE2. AA range:311-360
Specificity	RO60 Polyclonal Antibody detects endogenous levels of RO60 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TROVE2; RO60; SSA2; 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
Observed Band	70kD
Cell Pathway	Cytoplasm . Localized in cytoplasmic mRNP granules containing untranslated mRNAs. .
Tissue Specificity	Keratinocyte,Pre-B cell,Testis,
Function	disease:Sera from patients with systemic lupus erythematosus (SLE) often contain antibodies that react with the normal cellular SSA2 protein as if this antigen was foreign.,function:RNA-binding protein that binds to several small cytoplasmic RNA molecules known as Y RNAs. May stabilize these RNAs from degradation.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the Ro 60 kDa family.,similarity:Contains 1 TROVE domain.,subunit:Found in a complex with PUF60 and Y5 RNA. Interacts with

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RIP11.,

Background

disease:Sera from patients with systemic lupus erythematosus (SLE) often contain antibodies that react with the normal cellular SSA2 protein as if this antigen was foreign.,function:RNA-binding protein that binds to several small cytoplasmic RNA molecules known as Y RNAs. May stabilize these RNAs from degradation.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the Ro 60 kDa family.,similarity:Contains 1 TROVE domain.,subunit:Found in a complex with PUF60 and Y5 RNA. Interacts with RIP11.,

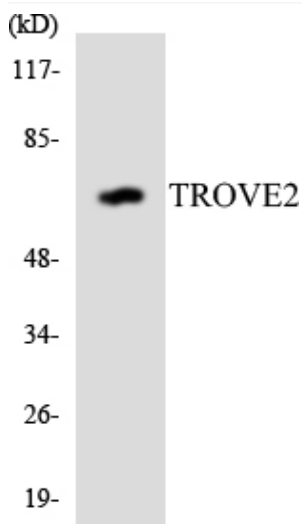
matters needing attention

Avoid repeated freezing and thawing!

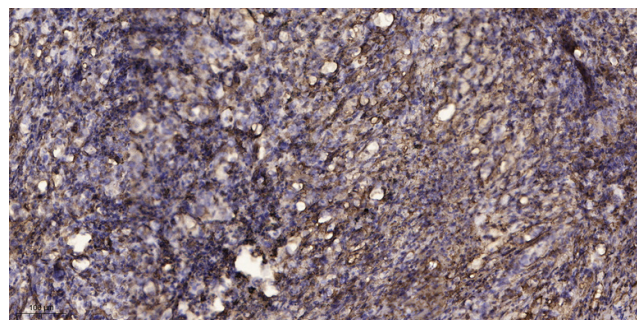
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of the lysates from HepG2 cells using TROVE2 antibody.



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

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