



# RO60 rabbit pAb

Cat No.:ES7287

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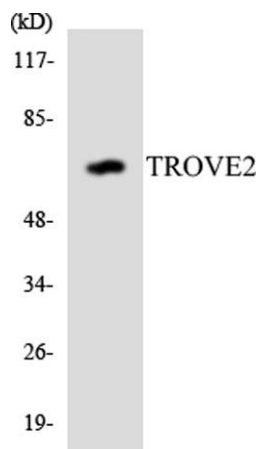
## Overview

<b>Product Name</b>	RO60 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:500-2000;IHC-p 1:50-300
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human TROVE2. AA range:311-360
<b>Specificity</b>	RO60 Polyclonal Antibody detects endogenous levels of RO60 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	60 kDa SS-A/Ro ribonucleoprotein
<b>Gene Name</b>	TROVE2
<b>Cellular localization</b>	Cytoplasm . Localized in cytoplasmic mRNP granules containing untranslated mRNAs. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	70kD
<b>Human Gene ID</b>	6738
<b>Human Swiss-Prot Number</b>	P10155
<b>Alternative Names</b>	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
<b>Background</b>	disease:Sera from patients with systemic lupus erythematosus (SLE) often contain antibodies that

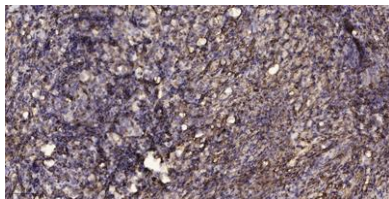




react with the normal cellular SSA2 protein as if this antigen was foreign.,function:RNA-binding protein that binds to several small cytoplasmic RNA molecules known as Y RNAs. May stabilize these RNAs from degradation.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to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



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).

