Rabbit Signal Recognition Particle Receptor B Polyclonal Antibody | anti-SRPRB antibody

Signal Recognition Particle Receptor B (SRPRB) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145038	**Rabbit**	**Mouse, Human, Rat**	**ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

Signal Recognition Particle Receptor B; Polyclonal Antibody; Signal Recognition Particle Receptor B (SRPRB) Polyclonal Antibody; APMCF1; anti-SRPRB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against SRPRB. It has been selected for its ability to recognize SRPRB in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN3, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	264
Applicable Applications for anti-SRPRB antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human, Mouse
Organism Species	Mouse
Fragment	SRPRB (Trp56~Ala269)
Quality Control	Content: The quality control contains recombinant SRPRB (Trp56~Ala269) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescent (ECL). Note: The quality control is specifically manufactured as the positive control.Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN3 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES

Knockout Validation
Knockout Validation: Lane 1: Wild-type HepG2 cell lysate; Lane 2: SRPRB knockout HepG2 cell lysate; Predicted MW: 30kd Observed MW: 30kd Primary Ab: 1ug/ml Rabbit Anti-Mouse SRPRB Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin- embedded Kidney tissue

WB (Western Blot)
Western Blot: Sample: Recombinant protein.

WB (Western Blot)
Western Blot: Sample: Human HepG2 cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Mouse SRPRB Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-SRPRB antibody	Knock-Out Validation Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678137
NCBI GeneID	20818
NCBI Accession #	NP_033301.1
NCBI GenBank Nucleotide #	NM_009275.4
UniProt Accession #	P47758; Q544X9; Q9D872
Molecular Weight	29,579 Da
NCBI Official Full Name	signal recognition particle receptor subunit beta
NCBI Official Synonym Full Names	signal recognition particle receptor, B subunit
NCBI Official Symbol	Srprb
NCBI Official Synonym Symbols	AA409543
NCBI Protein Information	signal recognition particle receptor subunit beta
UniProt Protein Name	Signal recognition particle receptor subunit beta
UniProt Gene Name	**Srprb**
UniProt Synonym Gene Names	SR-beta

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
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