



Rabbit Anti-Human SRPRB Polyclonal Antibody (CABT-L2240)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Signal Recognition Particle Receptor B (Knockout Validated)
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.
Target	SRPRB
Immunogen	Recombinant fragment corresponding to human SRPRB (Trp56~Ala269)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	The protein encoded by this gene has similarity to mouse protein which is a subunit of the signal recognition particle receptor (SR). This subunit is a transmembrane GTPase belonging to the GTPase superfamily. It anchors alpha subunit, a peripheral membrane GTPase, to the ER membrane. SR is required for the cotranslational targeting of both secretory and membrane proteins to the ER membrane. [provided by RefSeq, Jul 2008]
Keywords	APMCF1

GENE INFORMATION

Gene Name	SRPRB signal recognition particle receptor, B subunit [Homo sapiens (human)]
Official Symbol	SRPRB
Synonyms	SRPRB; signal recognition particle receptor, B subunit; APMCF1; signal recognition particle receptor subunit beta; SR-beta; signal recognition particle receptor, beta subunit;
Entrez Gene ID	58477
Protein Refseq	NP_067026
UniProt ID	Q549N5
Chromosome Location	3q22.1
Pathway	Gene Expression; IRE1alpha activates chaperones; Metabolism of proteins; Protein export; SRP-dependent cotranslational protein targeting to membrane; Translation; Unfolded Protein Response (UPR); XBP1(S) activates chaperone genes;
Function	GTP binding;