

Product datasheet for **TA338465**

SRPR beta (SRPRB) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB, IF
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SRPRB antibody: synthetic peptide directed towards the middle region of human SRPRB. Synthetic peptide located within the following region: QDIAMAKSAKLIQQLEKELNTRLRVTRSAAPSTLYSSSTAPAQLGKKGKE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	30 kDa
Gene Name:	SRP receptor beta subunit
Database Link:	NP_067026 Entrez Gene 58477 Human Q9Y5M8



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Background:

SRPRB 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. 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. 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.

Synonyms:

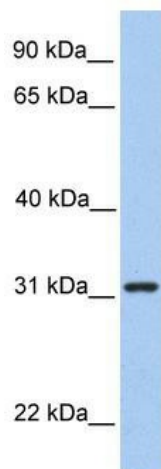
APMCF1

Note:

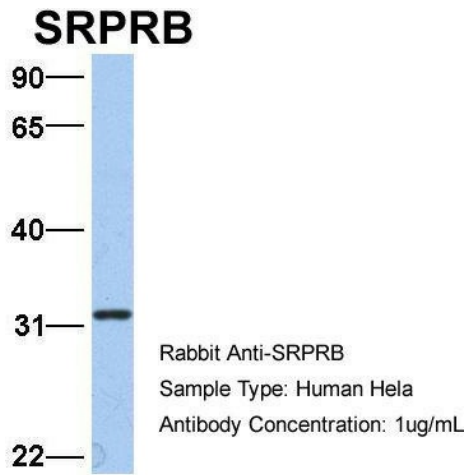
Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Yeast: 100%; Rabbit: 100%; Bovine: 93%; Zebrafish: 93%

Protein Families:

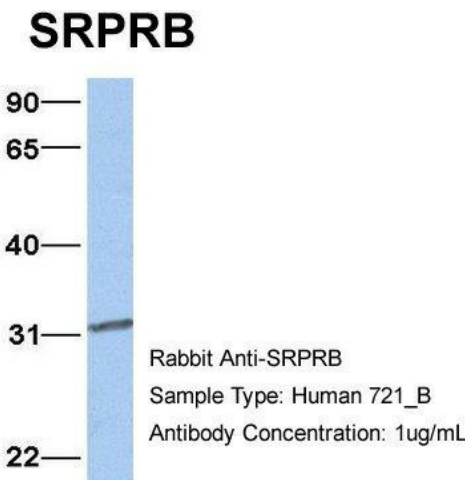
Druggable Genome, Transmembrane

Product images:

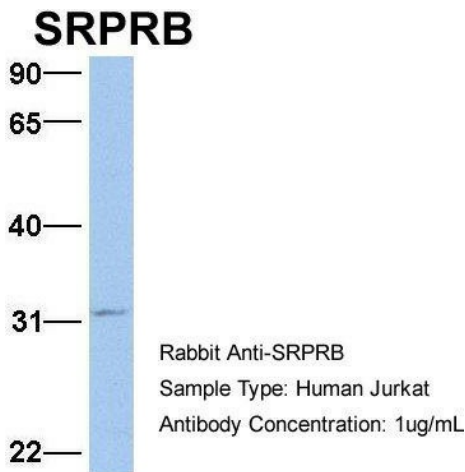
WB Suggested Anti-SRPRB Antibody Titration: 0.2-1 ug/ml; Positive Control: HeLa cell lysate. SRPRB is supported by BioGPS gene expression data to be expressed in HeLa



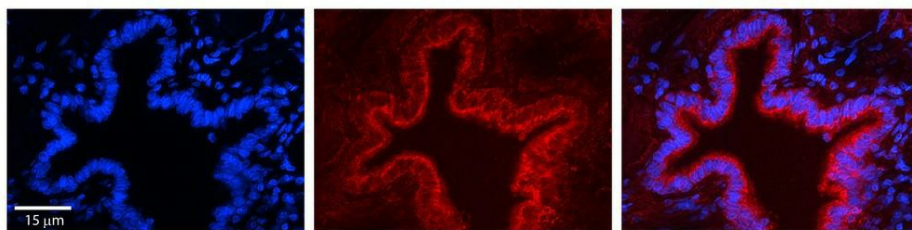
Host: Rabbit; Target Name: SRPRB; Sample Tissue: HeLa; Antibody Dilution: 1.0 ug/ml SRPRB is supported by BioGPS gene expression data to be expressed in HeLa



Host: Rabbit; Target Name: SRPRB; Sample Tissue: 721_B; Antibody Dilution: 1.0 ug/ml SRPRB is supported by BioGPS gene expression data to be expressed in 721_B



Host: Rabbit; Target Name: SRPRB; Sample Tissue: Jurkat; Antibody Dilution: 1.0 ug/ml SRPRB is supported by BioGPS gene expression data to be expressed in Jurkat



Rabbit Anti-SRPRB Antibody; Formalin Fixed Paraffin Embedded Tissue: Human Bronchial Epithelial Tissue; Observed Staining: Cytoplasmic; Primary Antibody Concentration: 1: 100; Other Working Concentrations: 1/600; Secondary Antibody: Donkey anti-Rabbit-Cy3