

ARG45280 anti-SRPRB antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Polyclonal antibody recognizes SRPRB
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	SRPRB
Species	Human
Immunogen	Recombinant protein containing to human SRPRB.
Conjugation	Un-conjugated
Alternate Names	SRPRB; SRP Receptor Subunit Beta; SR-Beta; APMCF1; Signal Recognition Particle Receptor Subunit Beta; Signal Recognition Particle Receptor, B Subunit; Signal Recognition Particle Receptor, Beta Subunit; SRP Receptor Beta Subunit; Protein APMCF1

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	30 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

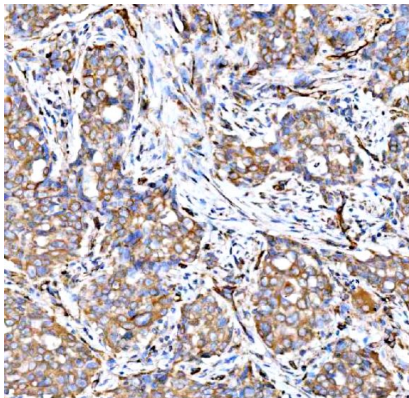
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

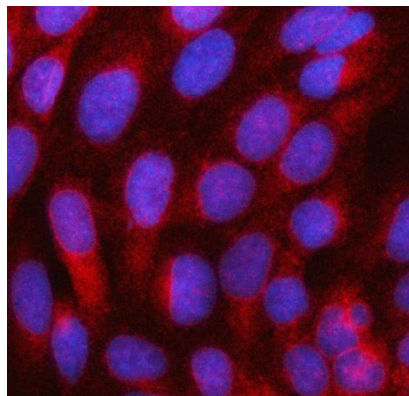
Gene Symbol	SRPRB
Gene Full Name	SRP Receptor Subunit Beta
Background	The protein encoded by this gene has similarity to mouse protein which is a subunit of the signal recognition particle receptor (SR). This subunit is a transmembrane GTPase belonging to the GTPase superfamily. It anchors alpha subunit, 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]
Function	Component of the signal recognition particle (SRP) complex receptor (SR. [UniProt]
Calculated Mw	30 kDa
PTM	Phosphoprotein. [UniProt]
Cellular Localization	Endoplasmic reticulum; Membrane. [UniProt]

Images



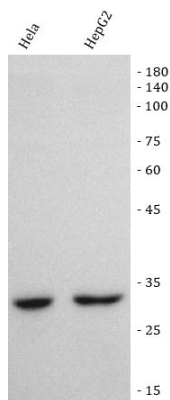
ARG45280 anti-SRPRB antibody IHC-P image

Immunohistochemistry: Human lung adenocarcinoma stained with ARG45280 anti-SRPRB antibody at 2 µg/ml dilution.



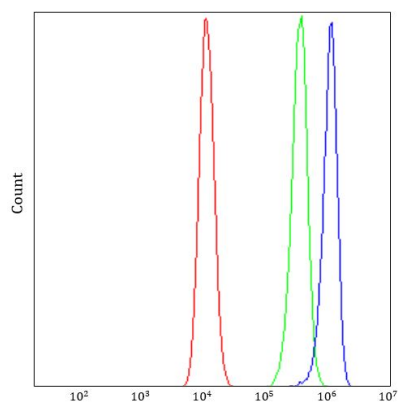
ARG45280 anti-SRPRB antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG45280 anti-SRPRB antibody at 5 µg/ml dilution.



ARG45280 anti-SRPRB antibody WB image

Western blot: HeLa and HepG2 stained with ARG45280 anti-SRPRB antibody at 0.5 $\mu\text{g/ml}$ dilution.



ARG45280 anti-SRPRB antibody FACS image

Flow Cytometry: HCT116 stained with ARG45280 anti-SRPRB antibody at 1 $\mu\text{g}/10^6$ cells dilution.