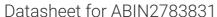
antibodies .- online.com







anti-SRPRB antibody (C-Term)



Overview

Application:



Publication



Quantity:	100 μL
Target:	SRPRB
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Horse, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SRPRB antibody is un-conjugated

Product Details		
	Immunogen:	The immunogen is a synthetic peptide directed towards

Western Blotting (WB)

ected towards the C terminal region of human SRPRB APAQLGKKGK EFEFSQLPLK VEFLECSAKG GRGDVGSADI QDLEKWLAKI Sequence: Predicted Reactivity: Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 86% Characteristics: This is a rabbit polyclonal antibody against SRPRB. It was validated on Western Blot using a cell lysate as a positive control. Purification:

Protein A purified

Target Details

SRPRB Target:

Target Details

Alternative Name:	SRPRB (SRPRB Products)
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.
	Alias Symbols: APMCF1
	Protein Interaction Partner: ERLIN2, UBC, STAU1, MDM2, FBX06, PPP6R1, ADRB2, LMNA,
	UBL4A, CA9, UBE2L3, TAGLN, SPR, SNRPC, S100A10, RRBP1, RPL38, RFX5, RBMS1, PIN4,
	PFN1, ACAA1, TMED4, TMEM65, RPS10P5, MRRF, SARNP, NABP2, MRPL14, TMBIM1, SUGP1,
	SBDS, MRPS28, TARDBP, TOMM40, UBE4B, SF3
	Protein Size: 271
Molecular Weight:	30 kDa
Gene ID:	58477
NCBI Accession:	NM_021203, NP_067026
UniProt:	Q9Y5M8
Pathways:	ER-Nucleus Signaling
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 271 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

Handling

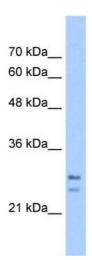
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:

Guha, Bandyopadhyaya, Polumuri, Chumsri, Gade, Kalvakolanu, Ahmed et al.: "Nicotine promotes apoptosis resistance of breast cancer cells and enrichment of side population cells with cancer stem cell-like properties via a signaling cascade involving galectin-3, α9 nicotinic ..." in: **Breast cancer research and treatment**, Vol. 145, Issue 1, pp. 5-22, (2014) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-SRPRB Antibody Titration:5.0ug/ml Positive Control: HepG2 cell lysate