

Datasheet for ABIN2784805

anti-Sec23 Homolog B antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Sec23 Homolog B (SEC23B)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio), Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sec23 Homolog B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SEC23B
Sequence:	SFSLYPQFMF HLRRSPFLQV FNNSPDESSY YRHHFARQDL TQSLIMIQPI
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 92%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against SEC23B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Sec23 Homolog B (SEC23B)
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Target Details

Alternative Name:	SEC23B (SEC23B Products)
Background:	SEC23B is a member of the SEC23 subfamily of the SEC23/SEC24 family, which is involved in vesicle trafficking. SEC23B has similarity to yeast Sec23p component of COPII. COPII is the coat protein complex responsible for vesicle budding from the ER. The function SEC23B has been implicated in cargo selection and concentration. The protein encoded by this gene is a member of the SEC23 subfamily of the SEC23/SEC24 family, which is involved in vesicle trafficking. The encoded protein has similarity to yeast Sec23p component of COPII. COPII is the coat protein complex responsible for vesicle budding from the ER. The function of this gene product has been implicated in cargo selection and concentration. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. Alias Symbols: CDAII, CDAN2, CDA-II, HEMPAS Protein Interaction Partner: UBC, HOXA3, SYNE4, PRRC1, DTX2, FATE1, CPSF7, SEC23B, SEC24D, SUMO2, SEC24C, ZYX, PXN, SRPK2, SRPK1, CSNK1A1, TMED9, UGT1A1, TMED1, TMED10, TMED2, KDELRL1, MAN2A1, GALNT1, FN1, DAB2, SEC24B, SRSF3, CAND1, CUL3, SYK, SIRT7, FYCO1, Protein Size: 767
Molecular Weight:	86 kDa
Gene ID:	10483
NCBI Accession:	NM_006363 , NP_006354
UniProt:	Q15437

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 767 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 % sucrose.

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-SEC23B Antibody Titration:
0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: CCRF-CEM cell lysate