

Datasheet for ABIN2791915
anti-SMCR7 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	SMCR7
Binding Specificity:	N-Term
Reactivity:	Human, Guinea Pig, Horse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMCR7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human SMCR7
Sequence:	FSQKRGKRRS DEGLGSMVDF LLANARLVLG VGGA AVL GIA TLAVKRFIDR
Predicted Reactivity:	Guinea Pig: 79%, Horse: 86%, Human: 100%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against SMCR7. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SMCR7
Alternative Name:	SMCR7 (SMCR7 Products)

Target Details

Background:	This gene encodes an outer mitochondrial membrane protein that functions in the regulation of mitochondrial morphology. It can directly recruit the fission mediator dynamin-related protein 1 (Drp1) to the mitochondrial surface. The gene is located within the Smith-Magenis syndrome region on chromosome 17. Alternative splicing results in multiple transcript variants encoding different isoforms. Alias Symbols: MID49 Protein Interaction Partner: AGTRAP, UBQLN1, RABAC1, DNM1L, UBC, UBQLN4, PSMF1, Protein Size: 465
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Molecular Weight:	50 kDa
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Gene ID:	125170
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NCBI Accession:	NM_148886 , NP_683684
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	1 mg/mL
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeat freeze-thaw cycles.
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Storage:	-20 °C
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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.
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Western Blotting

Image 1. Host: Rabbit Target Name: SMCR7 Sample Type: HT1080 Whole Cell lysates Antibody Dilution: 1.0ug/ml

