

Rabbit RHOT1/MIRO1 Polyclonal Antibody | anti-RHOT1/MIRO1 antibody

(KD Validated) RHOT1/MIRO1 Polyclonal Antibody

CATALOG # AAA179371	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

RHOT1/MIRO1; Polyclonal Antibody; (KD Validated) RHOT1/MIRO1 Polyclonal Antibody; RHOT1; ARHT1; MIRO-1; MIRO1; mitochondrial Rho GTPase 1; anti-RHOT1/MIRO1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-RHOT1/MIRO1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human RHOT1/MIRO1
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



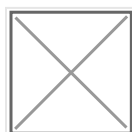
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using [KD Validated] RHOT1/MIRO1 Polyclonal Antibody at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



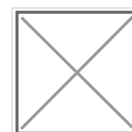
WB (Western Blot)

Western blot analysis of extracts from wild type(WT) and RHOT1/MIRO1 knockdown (KD) 293T(KD) cells using RHOT1/MIRO1 Polyclonal Antibody at 1:400 dilution.



WB (Western Blot)

Western blot analysis of Rat testis using RHOT1/MIRO1 Polyclonal Antibody at 1:400 dilution.



WB (Western Blot)

Western blot analysis of various lysates using RHOT1/MIRO1 Polyclonal Antibody at 1:400 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-RHOT1/MIRO1 antibody	Mitochondrial GTPase involved in mitochondrial trafficking. Probably involved in control of anterograde transport of mitochondria and their subcellular distribution.
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Product Categories/Family for anti-
RHOT1/MIRO1 antibody

Antibodies; Primary Antibodies; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	75750480
NCBI GeneID	55288
NCBI Accession #	NP_001028740
NCBI GenBank Nucleotide #	NM_001033568.2
UniProt Accession #	Q8IXI2; Q6NUR3; Q6P9F8; Q6PJG1; Q6YMW8; Q86UB0; Q8IW28; Q8IXJ7; A4FVB6; A6NFV0; B4DG48; J9JIH9
Molecular Weight	Predicted: 76 kDa
	Observed: 78 kDa
NCBI Official Full Name	mitochondrial Rho GTPase 1 isoform 1
NCBI Official Synonym Full Names	ras homolog family member T1
NCBI Official Symbol	RHOT1
NCBI Official Synonym Symbols	ARHT1; MIRO1; MIRO-1
NCBI Protein Information	mitochondrial Rho GTPase 1; mitochondrial Rho (MIRO) GTPase 1; ras homolog gene family, member T1; rac-GTP binding protein-like protein
UniProt Protein Name	Mitochondrial Rho GTPase 1
UniProt Gene Name	RHOT1
UniProt Synonym Gene Names	ARHT1; MIRO-1; hMiro-1
UniProt Entry Name	MIRO1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rhot1-miro1-antibody-immunofluorescence-western-blot-elisa/179371>