A22551

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[KD Validated] RHOT1/MIRO1 Rabbit pAb

Catalog No.: A22551 1 Publications

Basic Information

Observed MW
75 kDa

Calculated MW
71 kDa

Category
Polyclonal Antibody

Applications
WB,IF/ICC,ELISA

Cross-Reactivity
Human,Mouse,Rat

Background

Predicted to enable GTP binding activity and GTPase activity. Involved in cellular homeostasis; mitochondrial outer membrane permeabilization; and mitochondrion transport along microtubule. Is integral component of mitochondrial outer membrane.

Recommended Dilutions

WB	1:400 - 1:2000
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
55288

Swiss Prot
Q8IXI2

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
ARHT1; MIRO1; MIRO-1; [KD Validated] RHOT1/MIRO1

Contact

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Product Information

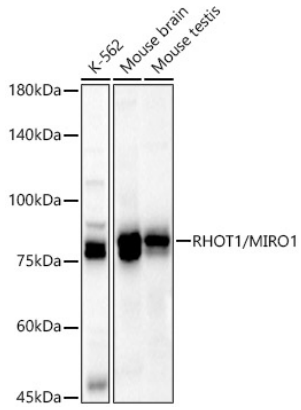
Source
Rabbit

Isotype
IgG

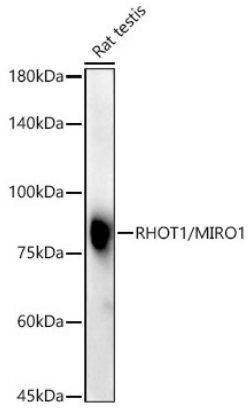
Purification
Affinity purification

Storage
Store at -20℃

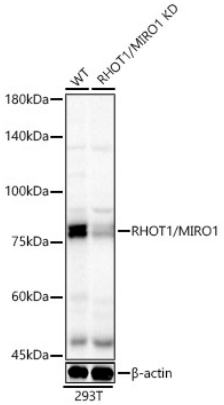
Validation Data



Western blot analysis of various lysates, using [KD Validated] RHOT1/MIRO1 Rabbit pAb (A22551) at 1:400 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.

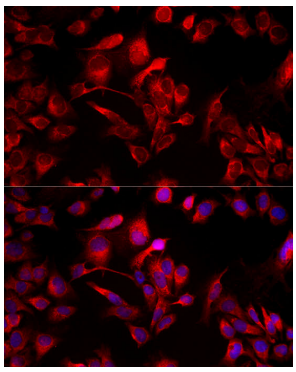


Western blot analysis of lysates from Rat testis, using [KD Validated] RHOT1/MIRO1 Rabbit pAb (A22551) at 1:400 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



Western blot analysis of lysates from wild type(WT) and RHOT1/MIRO1 knockdown (KD) 293T cells, using [KD Validated] RHOT1/MIRO1 Rabbit pAb (A22551) at 1:400 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.

Validation Data



Immunofluorescence analysis of HeLa cells using [KD Validated] RHOT1/MIRO1 Rabbit pAb (A22551) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.