

## Rabbit RHOT1 Polyclonal Antibody | anti-RHOT1 antibody

RHOT1 antibody - N-terminal region

| CATALOG # | HOST   | REACTIVITY                                                        | APPLICATIONS                       |
|-----------|--------|-------------------------------------------------------------------|------------------------------------|
| AAA23519  | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish | Immunohistochemistry, Western Blot |

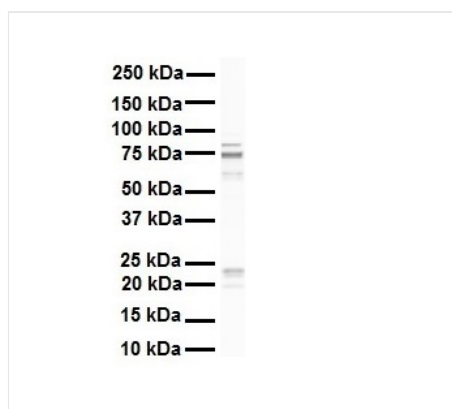
### PRODUCT SYNONYMS

RHOT1; Polyclonal Antibody; RHOT1 antibody - N-terminal region; anti-RHOT1 antibody

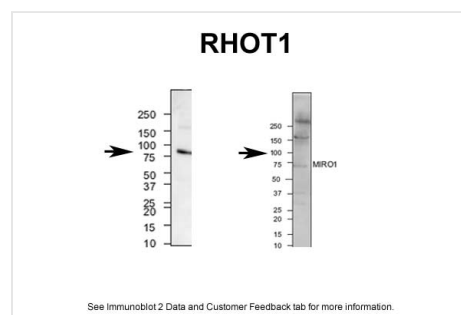
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish                                                                                     |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Purity/Purification                             | Affinity Purified                                                                                                                                     |
| Form/Format                                     | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                        | Synthetic peptide with the following region: MK KDVRILLVGE PRVGKTSIM SLVSEEFPEE VPPRAEEITI PADVTPEP                                                   |
| Sequence Length                                 | 618                                                                                                                                                   |
| Applicable Applications for anti-RHOT1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Homology                                        | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%                                |
| Immunogen                                       | The immunogen is a synthetic peptide directed towards the N terminal region of human RHOT1                                                            |
| Preparation and Storage                         | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

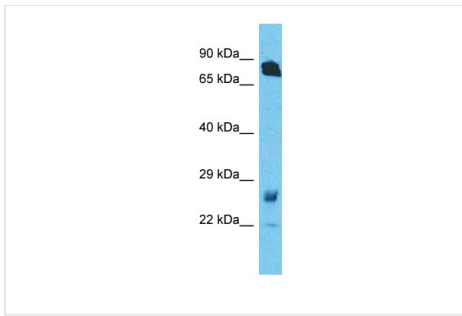
### IMAGES


**WB (Western Blot)**

WB Suggested Anti-RHOT1 antibody Titration: 1 ug/mL Sample Type: Human A549

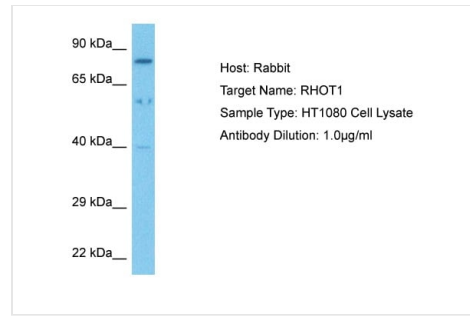

**WB (Western Blot)**

mouse brain and human neuroblastoma



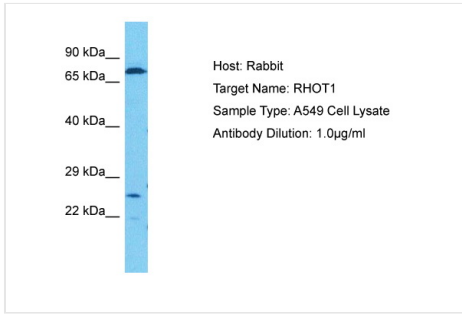
#### WB (Western Blot)

Host: RabbitTarget Name: RHOT1Sample Type: Fetal Lung lysatesAntibody Dilution: 1.0ug/ml



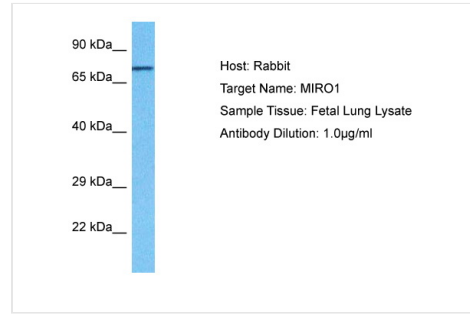
#### WB (Western Blot)

Host: RabbitTarget Name: RHOT1Sample Tissue: Human HT1080 Whole CellAntibody Dilution: 1ug/ml



#### WB (Western Blot)

Host: RabbitTarget Name: RHOT1Sample Tissue: Human A549 Whole CellAntibody Dilution: 1ug/ml



#### WB (Western Blot)

Host: RabbitTarget Name: MIRO1Sample Type: Fetal Lung lysatesAntibody Dilution: 1.0ug/ml

## ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-RHOT1 antibody</b> | <p>This is a rabbit polyclonal antibody against RHOT1. It was validated on Western Blot and immunohistochemistry</p> <p>Target Description: Mitochondrial GTPase involved in mitochondrial trafficking. RHOT1 is probably involved in control of anterograde transport of mitochondria and their subcellular distribution.</p> |
| <b>Product Categories/Family for anti-RHOT1 antibody</b>   | <p>Polyclonal; <a href="#">Signal Proteins</a>; <a href="#">Lymphocyte Signaling</a>; <a href="#">Membrane Protein</a>; <a href="#">Developmental Biology</a>; <a href="#">Immunohistochemistry</a>; <a href="#">Receptors</a></p>                                                                                             |

## NCBI AND UNIPROT INFORMATION

|                                  |                                      |
|----------------------------------|--------------------------------------|
| NCBI GI #                        | 75750470                             |
| NCBI GeneID                      | 55288                                |
| NCBI Accession #                 | NP_060777                            |
| NCBI GenBank Nucleotide #        | NM_018307                            |
| UniProt Accession #              | Q8IXI2                               |
| Molecular Weight                 | 71kDa                                |
| NCBI Official Full Name          | mitochondrial Rho GTPase 1 isoform 3 |
| 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           |
| 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-antibody-immunohistochemistry-western-blot-elisa/23519>