

Datasheet for ABIN2782020
anti-RHOT1 antibody (N-Term)[Go to Product page](#)

7 Images

Overview

Quantity:	100 µL
Target:	RHOT1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RHOT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human RHOT1
Sequence:	MKKDVRILLV GEPRVGKTSL IMSLVSEEFV EEVPPRAEEI TIPADVTPER
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against RHOT1. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	RHOT1
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Target Details

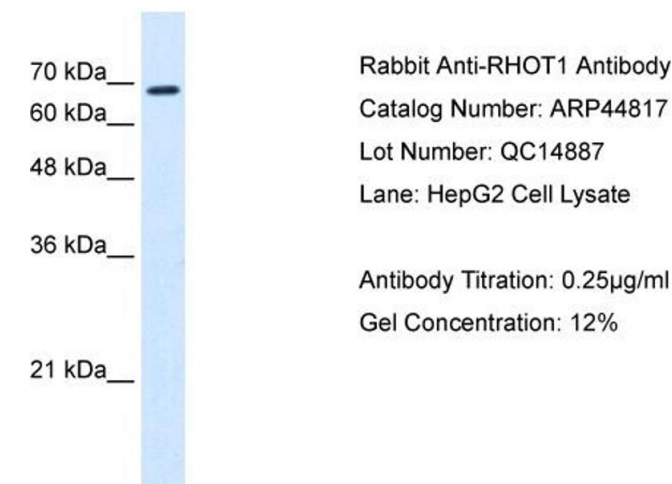
Alternative Name:	RHOT1 (RHOT1 Products)
Background:	<p>Mitochondrial GTPase involved in mitochondrial trafficking. RHOT1 is probably involved in control of anterograde transport of mitochondria and their subcellular distribution.</p> <p>Alias Symbols: ARHT1, FLJ11040, FLJ12633, MIRO-1, MIRO1</p> <p>Protein Interaction Partner: PCSK9, ERLIN2, PARK2, ILK, UBC, CFTR, PINK1, UBD, IRAK1, AMFR,</p> <p>Protein Size: 618</p>
Molecular Weight:	71 kDa
Gene ID:	55288
NCBI Accession:	NM_018307 , NP_060777
UniProt:	Q8IXI2

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 618 AA
Restrictions:	For Research Use only

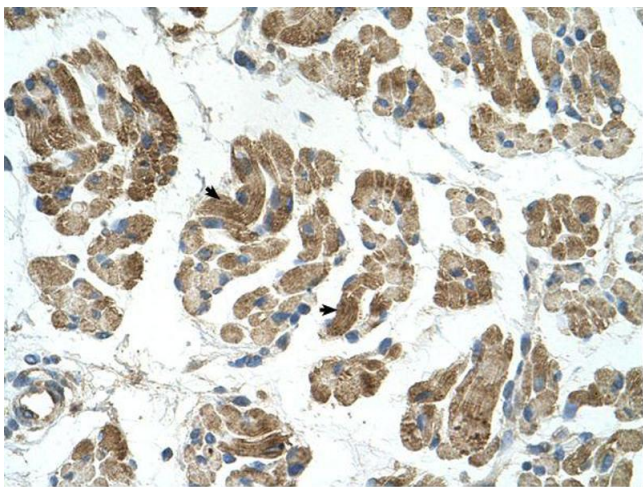
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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.



Western Blotting

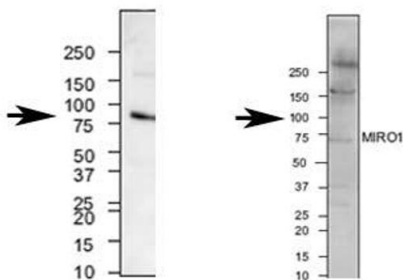
Image 1.



Immunohistochemistry

Image 2.

RHOT1



Western Blotting

Image 3. mouse brain and human neuroblastoma

See Immunoblot 2 Data and Customer Feedback tab for more information.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN2782020.