

RHOT2 Polyclonal Antibody

Catalog number: 11237-1-AP

Size: 56 µg/150 µl

Source: Rabbit

Isotype: IgG

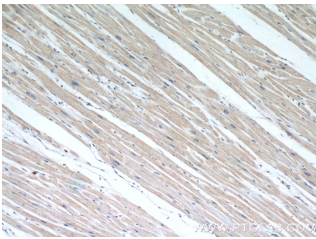
Synonyms:

RHOT2; ARHT2, C16orf39,

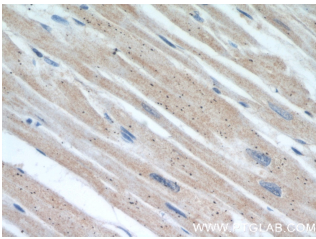
hMiro 2, MIRO 2,

Mitochondrial Rho GTPase 2,

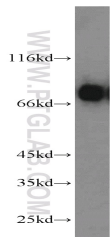
RASL, RHOT2



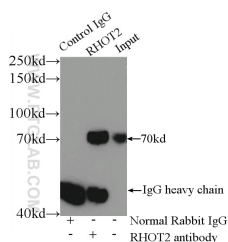
Immunohistochemical of paraffin-embedded human heart using 11237-1-AP (RHOT2 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human heart using 11237-1-AP (RHOT2 antibody) at dilution of 1:50 (under 40x lens)



human testis tissue were subjected to SDS PAGE followed by western blot with 11237-1-AP (RHOT2 antibody) at dilution of 1:1000



IP Result of anti-RHOT2

Background

RHOT2 (Ras homolog gene family, member T2), also known as ARHT2, RASL or MIRO-2 (mitochondrial Rho GTPase 2), is a 618 amino acid single-pass type IV membrane protein as a member of the Rho family of GTPases. It is localized to the outer mitochondrial membrane and plays a role in mitochondrial trafficking and fusion-fission dynamics. RHOT2 is ubiquitously expressed with highest levels found in pancreas, heart, kidney and skeletal muscle.

Applications

| | |
|---------------------------------|---|
| Tested applications: | ELISA, IHC, WB, IP |
| Cited applications: | WB |
| Species specificity: | Human, Mouse; other species not tested. |
| Cited species: | Human, Rat |
| Calculated RHOT2 MW: | 68 kDa |
| Observed RHOT2 MW: | 68 kDa |
| Positive WB detected in | Human testis tissue, human heart tissue, human kidney tissue, L02 cells, mouse heart tissue |
| Positive IP detected in | L02 cells |
| Positive IHC detected in | Human heart tissue, human colon tissue, human kidney tissue, human lung cancer tissue |
| Recommended dilution: | WB: 1:500-1:5000 IP: 1:200-1:2000 IHC: 1:20-1:200 |

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

| | |
|----------------------------------|------------------------------------|
| Immunogen: | Ag1752 |
| GenBank accession number: | BC014942 |
| Gene ID (NCBI): | 89941 |
| Full name: | Ras homolog gene family, member T2 |

Product information

| | |
|-----------------------------|---|
| Purification method: | Antigen affinity purification |
| Storage: | PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C. |

(IP:11237-1-AP, 3ug;
Detection:11237-1-AP 1:500)
with L02 cells lysate 1560ug.