

Product datasheet for TA380922S

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MIRO2 (RHOT2) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ELISA, ICC/IF, IHC, WB

Recommended Dilution: WB,1:500 - 1:1000

IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200

ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration

based on your specific assay requirements.

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 68kDa

Gene Name: ras homolog family member T2

Database Link: Entrez Gene 89941 Human

Q8IXI1

Background: This gene encodes a member of the Rho family of GTPases. The encoded protein is localized

to the outer mitochondrial membrane and plays a role in mitochondrial trafficking and

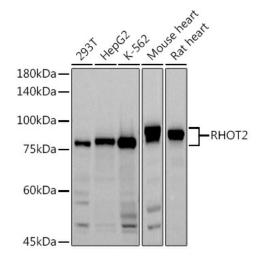
fusion-fission dynamics.

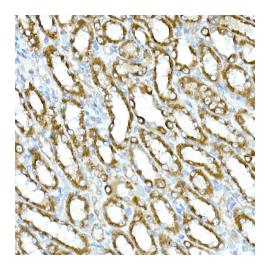
Synonyms: ARHT2; C16orf39; hMiro-2; MIRO-2; RASL





Product images:

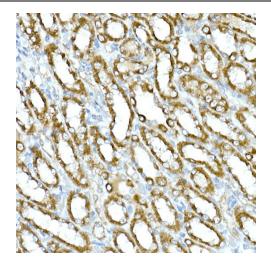




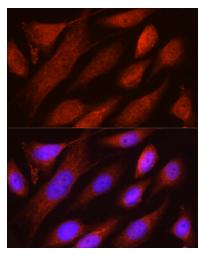
Western blot analysis of various lysates using ([TA380922]) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.

Immunohistochemistry analysis of paraffinembedded Mouse brain using RHOT2 Rabbit pAb ([TA380922]) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.





Immunohistochemistry analysis of paraffinembedded Rat kidney using RHOT2 Rabbit pAb ([TA380922]) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of U2OS cells using RHOT2 Rabbit pAb ([TA380922]) 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.