

TC10/RHOQ Rabbit mAb

Catalog No.: A19786 **Recombinant**

Basic Information

Observed MW

23kDa

Calculated MW

23kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2309

Background

This gene encodes a member of the Rho family of small GTPases, which cycle between inactive GDP-bound and active GTP-bound states and function as molecular switches in signal transduction cascades. Rho proteins promote reorganization of the actin cytoskeleton and regulate cell shape, attachment, and motility. The encoded protein is an important signalling protein for sarcomere assembly and has been shown to play a significant role in the exocytosis of the solute carrier family 2, facilitated glucose transporter member 4 and other proteins, possibly acting as the signal that turns on the membrane fusion machinery. Three related pseudogene have been identified on chromosomes 2 and 14.

Recommended Dilutions

WB 1:500 - 1:1000**IHC-P** 1:50 - 1:200

Immunogen Information

Gene ID

23433

Swiss Prot

P17081

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 100-205 of human TC10/RHOQ (P17081).

Synonyms

ARHQ; TC10; TC10A; RASL7A; HEL-S-42; TC10/RHOQ

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

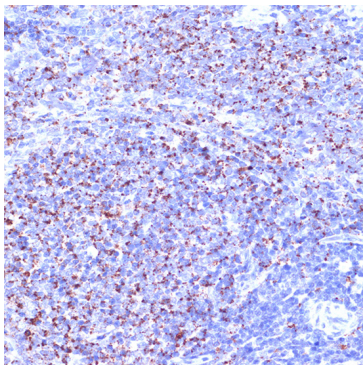
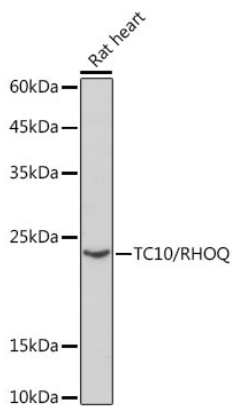
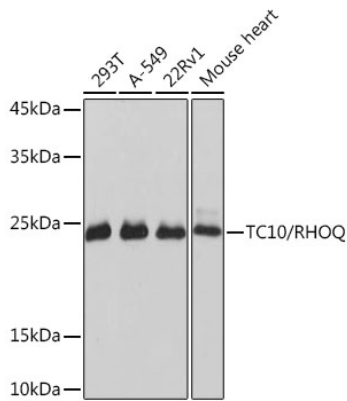
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Immunohistochemistry analysis of paraffin-embedded rat spleen using TC10/RHOQ Rabbit mAb (A19786) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.