

TC10 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP5855c

Product Information

Application	WB, IHC-P, E
Primary Accession	P17081
Other Accession	Q9JIL4 , Q8R527 , Q8BYP3 , Q9HBH0 , Q3SZA1 , Q62159 , P08134 , Q9PSX7 , Q1RMJ6 , P62747 , P62746 , P62745 , Q3ZBW5 , P61589 , Q9QUI0 , P61586 , P61585 , P53879 , P06780 , P48148 , Q22038 , P60764 , P60763 , Q05144 , P15153 , P48554 , Q9TU25 , Q6RUV5 , P63001 , P63000 , P40792 , Q03206
Reactivity	Human
Predicted	Bovine, C.Elegans, Chicken, Drosophila, Monkey, Mouse, Pig, Rat, Yeast
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB21845
Calculated MW	22659
Antigen Region	48-76

Additional Information

Gene ID	23433
Other Names	Rho-related GTP-binding protein RhoQ, Ras-like protein TC10, Ras-like protein family member 7A, RHOQ, ARHQ, RASL7A, TC10
Target/Specificity	This TC10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 48-76 amino acids from the Central region of human TC10.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TC10 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RHOQ
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Synonyms

ARHQ, RASL7A, TC10

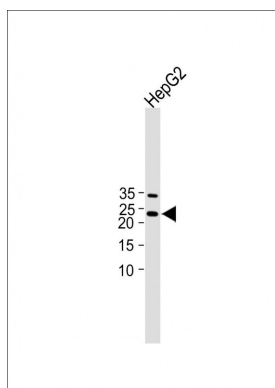
Function

Plasma membrane-associated small GTPase which cycles between an active GTP-bound and an inactive GDP-bound state. In active state binds to a variety of effector proteins to regulate cellular responses. Involved in epithelial cell polarization processes. May play a role in CFTR trafficking to the plasma membrane. Causes the formation of thin, actin-rich surface projections called filopodia.

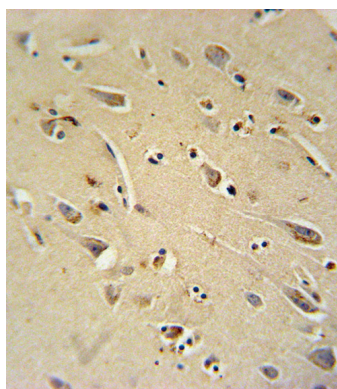
Cellular Location

Cytoplasm. Cell membrane; Lipid-anchor

Images



All lanes : Anti-TC10 Antibody (Center) at 1:1000 dilution
Lane 1: HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 22kDa Blocking/Dilution buffer: 5% NFDM/TBST.



TC10 Antibody (Center) (Cat. #AP5855c) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TC10 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.