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# TC10 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5855c

## Product Information

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|---|---|
| **Application** | WB, IHC-P, E |
| **Primary Accession** | P17081 |
| **Other Accession** | Q9JJL4, 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, Canine, Rabbit |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB21845 |
| **Calculated MW** | 22659 |
| **Antigen Region** | 48-76 |

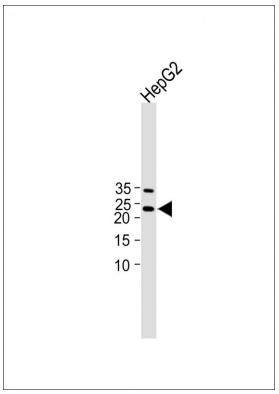
## Additional Information

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| **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. |

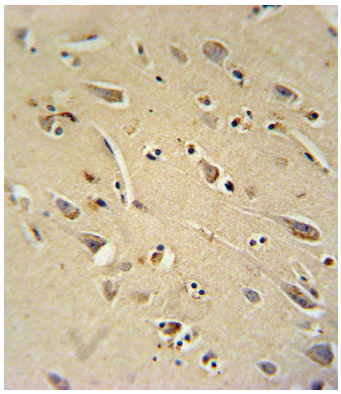
## Protein Information

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|---|---|
| **Name** | RHOQ |
| **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'.