For research purposes only, not for human use

# Product Data Sheet

# Anti-ARHGAP18 Antibody

| Catalog # | Source | Reactivity | Applications |
|---|---|---|---|
| CPA2834 | Rabbit | H, M, R, Mk | WB, IH |

| | |
|---|---|
| **Description** | Rabbit polyclonal antibody to ARHGAP18 |
| **Immunogen** | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ARHGAP18. The exact sequence is proprietary. |
| **Purification** | The antibody was purified by immunogen affinity chromatography. |
| **Specificity** | Recognizes endogenous levels of ARHGAP18 protein. |
| **Clonality** | Polyclonal |
| **Conjugation** | |
| **Form** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Dilution** | WB (1/500 - 1/1000), IH (1/50 - 1/100) |
| **Gene Symbol** | ARHGAP18 |
| **Alternative Names** | Rho GTPase-activating protein 18; MacGAP; Rho-type GTPase-activating protein 18 |
| **Entrez Gene** | 93663 (Human) |
| **SwissProt** | Q8N392 (Human) |
| **Storage/Stability** | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. |

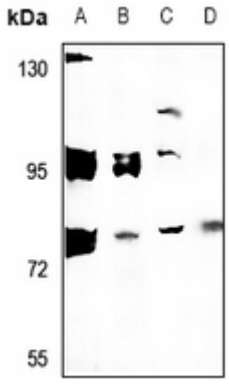
**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish


**COHESION BIOSCIENCES LIMITED**

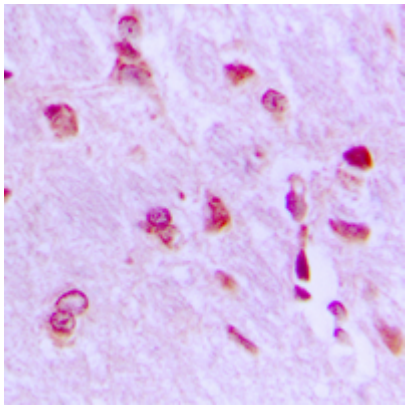
WEB www.cohesionbio.com
ORDER order@cohesionbio.com
SUPPORT techsupport@cohesionbio.com
CUSTOM custom@cohesionbio.com

For research purposes only, not for human use

# Product Data Sheet




Western blot analysis of ARHGAP18 expression in K562 (A), A549 (B), C6 (C), BV2 (D) whole cell lysates. (Predicted band size: 74 kD; Observed band size: 75 kD)



Immunohistochemical analysis of ARHGAP18 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish


**COHESION BIOSCIENCES LIMITED**

WEB www.cohesionbio.com
ORDER order@cohesionbio.com
SUPPORT techsupport@cohesionbio.com
CUSTOM custom@cohesionbio.com