

Anti-Hydrophobestin Antibody

| Catalog # | Source | Reactivity | Applications |
|--------------------------|---|------------|--------------|
| CPA2504 | Rabbit | H, M, R | WB, IH |
| Description | Rabbit polyclonal antibody to Hydrophobestin | | |
| Immunogen | KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Hydrophobestin. The exact sequence is proprietary. | | |
| Purification | The antibody was purified by immunogen affinity chromatography. | | |
| Specificity | Recognizes endogenous levels of Hydrophobestin 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 | CGREF1 | | |
| Alternative Names | CGR11; Cell growth regulator with EF hand domain protein 1; Cell growth regulatory gene 11 protein; Hydrophobestin | | |
| Entrez Gene | 10669 (Human) | | |
| SwissProt | Q99674 (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

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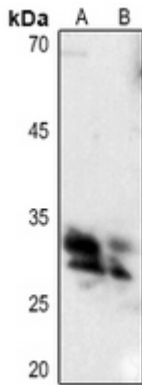
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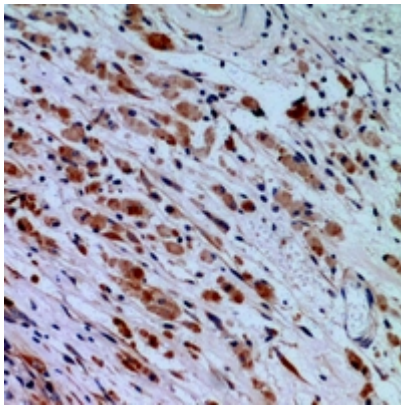
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Product Data Sheet



Western blot analysis of Hydrophobestin expression in mouse liver (A), rat liver (B) whole cell lysates. (Predicted band size: 33 kD; Observed band size: 32 kD)



Immunohistochemical analysis of Hydrophobestin 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.

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