

## **Product Data Sheet**

# Anti-GRK6 Antibody

Catalog # Source Reactivity Applications

CPA1497 Rabbit H, M, R WB, IF/IC

**Description** Rabbit polyclonal antibody to GRK6

Immunogen KLH-conjugated synthetic peptide encompassing a sequence within the N-term

region of human GRK6. The exact sequence is proprietary.

**Purification** The antibody was purified by immunogen affinity chromatography.

**Specificity** Recognizes endogenous levels of GRK6 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), IF/IC (1/50 - 1/200)

Gene Symbol GRK6

Alternative Names GPRK6; G protein-coupled receptor kinase 6; G protein-coupled receptor kinase

GRK6

Entrez Gene 2870 (Human); 26385 (Mouse)

SwissProt P43250 (Human); O70293 (Mouse); P97711 (Rat)

Storage/Stability Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid

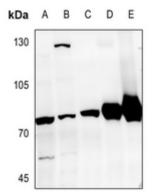
freeze/thaw cycles.

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

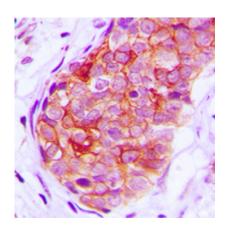
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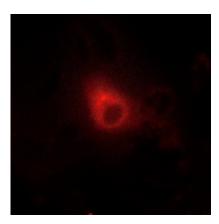
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Western blot analysis of GRK6 expression in HEK293T (A), HepG2 (B), H9C2 (C), rat liver (D), mouse heart (E) whole cell lysates. (Predicted band size: 65 kD; Observed band size: 80 kD)



Immunohistochemical analysis of GRK6 staining in human breast cancer 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.



Immunofluorescent analysis of GRK6 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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