

Product Data Sheet

Anti-Kv1.1 Antibody

Catalog # Source Reactivity Applications

CPA9407 Rabbit H, M, R WB, IH

Description Rabbit polyclonal antibody to Kv1.1

Immunogen KLH-conjugated synthetic peptide encompassing a sequence of human Kv1.1. The

exact sequence is proprietary.

Purification The antibody was purified by immunogen affinity chromatography.

Specificity Recognizes endogenous levels of Kv1.1 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 (1/1000 - 1/2000), IH (1/100 - 1/200)

Gene Symbol KCNA1

Alternative Names Potassium voltage-gated channel subfamily A member 1; Voltage-gated K(+) channel

HuKI; Voltage-gated potassium channel HBK1; Voltage-gated potassium channel

subunit Kv1.1

Entrez Gene 3736 (Human)

SwissProt Q09470 (Human)

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

freeze/thaw cycles.

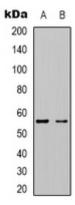
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, 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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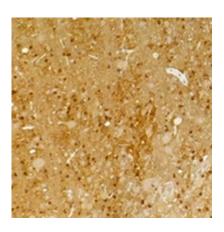
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Western blot analysis of Kv1.1 expression in mouse brain (A), rat brain (B) whole cell lysates. (Predicted band size: 56 kD; Observed band size: 56 kD)



Immunohistochemical analysis of Kv1.1 staining in rat brain, mouse 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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