For research purposes only, not for human use

Product Data Sheet

Anti-Kv1.8 Antibody

Catalog #	Source	Reactivity	Applications
CPA9410	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to Kv1.8
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of human Kv1.8. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of Kv1.8 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	KCNA10
Alternative Names	Potassium voltage-gated channel subfamily A member 10; Voltage-gated potassium channel subunit Kv1.8
Entrez Gene	3744 (Human)
SwissProt	Q16322 (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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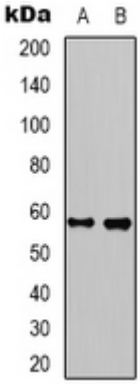
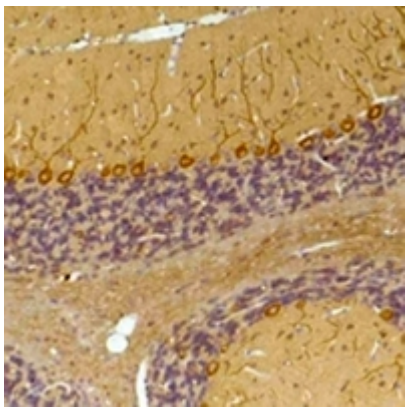


Western blot analysis of Kv1.8 expression in mouse brain (A), rat brain (B) whole cell lysates. (Predicted band size: 57 kD; Observed band size: 58 kD)



Immunohistochemical analysis of Kv1.8 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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