

Product Data Sheet

Anti-Kv11.3 Antibody

Catalog #	Source	Reactivity	Applications
CPA9412	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to Kv11.3		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of human Kv11.3. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Kv11.3 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	KCNH7		
Alternative Names	ERG3; Potassium voltage-gated channel subfamily H member 7; Ether-a-go-go-related gene potassium channel 3; ERG-3; Eag-related protein 3; Ether-a-go-go-related protein 3; hERG-3; Voltage-gated potassium channel subunit Kv11.3		
Entrez Gene	90134 (Human)		
SwissProt	Q9NS40 (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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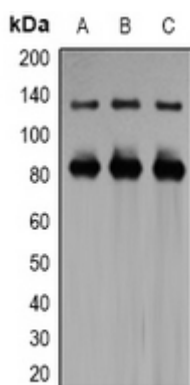
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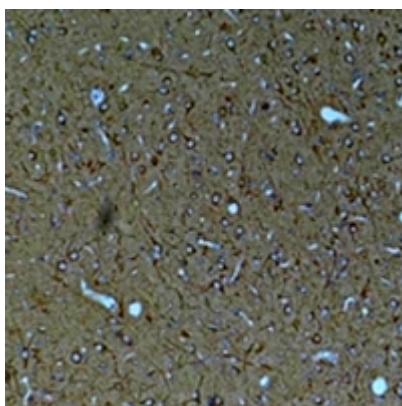
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Western blot analysis of Kv11.3 expression in HeLa (A), mouse brain (B), rat brain (C) whole cell lysates. (Predicted band size: 135 kD; Observed band size: 83; 135 kD)



Immunohistochemical analysis of Kv11.3 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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