

Product Data Sheet

Anti-Kv11.1 Antibody

Catalog #	Source	Reactivity	Applications
CQA1155	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to Kv11.1		
Immunogen	KLH-conjugated synthetic peptide of human Kv11.1		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Kv11.1 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 (1/500 - 1/2000), IH (1/50 - 1/200)		
Gene Symbol	KCNH2		
Alternative Names	ERG; ERG1; HERG; Potassium voltage-gated channel subfamily H member 2; Eag homolog; Ether-a-go-go-related gene potassium channel 1; ERG-1; Eag-related protein 1; Ether-a-go-go-related protein 1; H-ERG; hERG-1; hERG1; Voltage-gated potassium channel subuni		
Entrez Gene	3757 (Human); 16511 (Mouse); 117018 (Rat)		
SwissProt	Q12809 (Human); O35219 (Mouse); O08962 (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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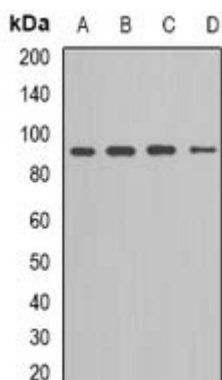
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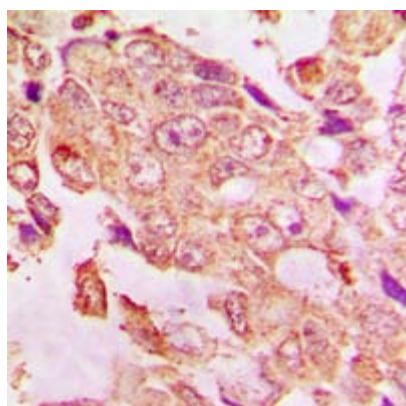
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Western blot analysis of Kv11.1 expression in SW620 (A), MCF7 (B), K562 (C), mouse brain (D) whole cell lysates.



Immunohistochemical analysis of Kv11.1 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.

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