

**Manufacturer/Supplier:**

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**Product name:** Rabbit anti-HCN1 Antibody

**Catalog:** DL96862A

**Synonyms:** BCNG1; Potassium/sodium  
hyperpolarization-activated cyclic nucleotide-gated  
channel 1; Brain cyclic nucleotide-gated channel 1;  
BCNG-1

**Immunogen:** KLH-conjugated synthetic peptide of human HCN1

**Form:** Liquid

**Concentration:** 1mg/mL

**Size:** 100 ul/50 ul

**Host:** Rabbit

**Reactivity:** Human, Mouse

**Application:** WB, IHC

**Clonality:** Polyclonal

**Dilution:** WB (1/500 - 1/2000),

IHC (1/50 - 1/200)

**Entrez Gene:** 348980/15165

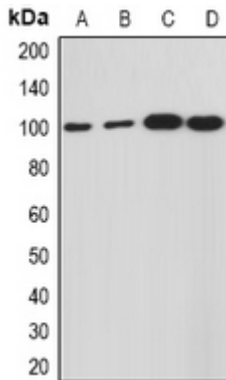
**SwissProt:** O60741/O88704

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

**Buffer:** Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

**WB description:**

Western blot analysis of HCN1 expression in MCF7 (A), SHSY5Y (B), mouse brain (C), mouse lung (D) whole cell lysates.



**IHC description:**

Immunohistochemical analysis of HCN1 staining in human 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.

**Storage:**

Store at -20°C. Avoid repeated freeze / thaw cycles.