

KCNQ1 Ab

[Images\(4\)](#)

Cat.#: DF6897	Concn.: ~1mg/ml	Mol.Wt.: 61kD, 75-95kD
Size:	Source: Rabbit	Clonality: Polyclonal

Application: WB 1:500-1:2000, IHC 1:50-1:200
*The optimal dilutions should be determined by the end user.

Reactivity: Human, Mouse, Rat

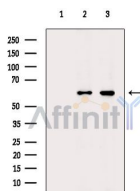
Storage: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

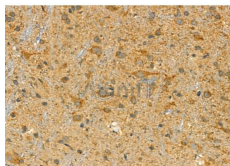
Immunogen: A synthesized peptide derived from human KCNQ1, corresponding to a region within C-terminal amino acids.

Uniprot: P51787

Description: KCNQ1 is a protein for a voltage-gated potassium channel required for the repolarization phase of the cardiac action potential. The gene product can form heteromultimers with two other potassium channel proteins, KCNE1 and KCNE3.



Western blot analysis of extracts from various samples, using KCNQ1 Ab.
Lane 1: HepG2 cells(heat-shock treatment), blocked with antigen-specific peptides.
Lane 2: HepG2 cells(heat-shock treatment).
Lane 3: Hela cells(heat-shock treatment).



DF6897 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.



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