

## Kv3.4 (R11) polyclonal antibody

Catalog: BS3728

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

KCNC4 (Potassium voltage gated channel subfamily C member 4) belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 85 kDa

### Swiss-Prot:

Q03721

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC/IF: 1:50~1:200

IP: 1:10~1:100

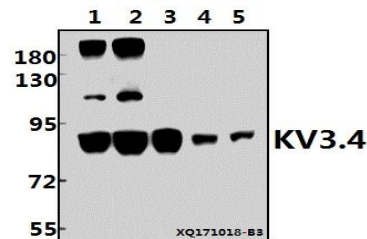
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Kv3.4 (R11) polyclonal antibody detects endogenous levels of Kv3.4 protein.

### DATA:



Western blot (WB) analysis of Kv3.4 (R11) pAb at 1:500 dilution

Lane1:A549 whole cell lysate(40ug)

Lane2:HepG2 whole cell lysate(40ug)

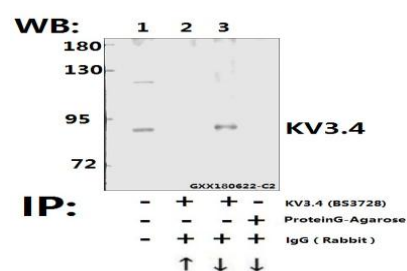
Lane3:Hela whole cell lysate(40ug)

Lane4:PMVEC whole cell lysate(40ug)

Lane5:AML-12 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of Kv3.4 (R11) pAb in paraffin-embedded human brain tissue.



Immunoprecipitation of A549 cell lysate using Kv3.4 (R11) pAb (Sephacel Bead Conjugate) #BD0048(lane 2 and lane 3) and Nonspecific IgG Control (Sephacel Bead Conjugate)#BD0048 (lane 4) .Lane 1 is 30% input. The western blot was probed using Kv3.4 (R11) #BS3728. “↑” (supernatant) ; “↓”(deposition)

### Note:

For research use only, not for use in diagnostic procedure.

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## PRODUCT DATA SHEET

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