# Kv3.4 (R11) polyclonal antibody

Catalog: BCP01015 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:

~ 70 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

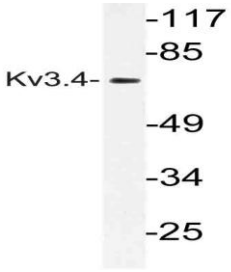
## Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ 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

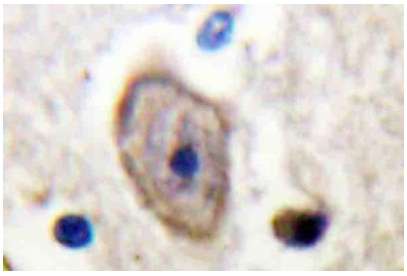
Lane1:A549 whole cell lysate(40ug)

Lane2:HepG2 whole cell lysate(40ug)

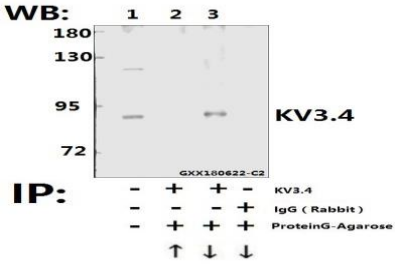
Lane3:Hela whole cell lysate(40ug)

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 (Sepharose Bead Conjugate) #BD0048(lane 2 and lane 3) and Nonspecific IgG Control (Sepharose Bead Conjugate)#BD0048 (lane 4 ) .Lane 1 is 30% input. The western blot was probed using KV3.4 (R11). “↑” （supernatant）; “↓(deposition）

## Note:

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