

## Anti-KCNJ4 Polyclonal Antibody

Cat: K108310P

### Summary:

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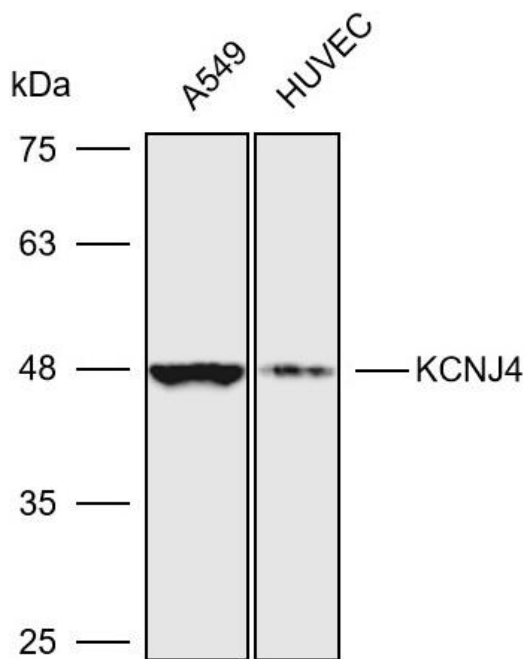
<b>【Product name】</b> : Anti-KCNJ4 antibody	<b>【Source】</b> : Rabbit
<b>【Isotype】</b> : IgG	<b>【Species reactivity】</b> : Human Mouse Rat
<b>【Swiss Prot】</b> : P48050	<b>【Gene ID】</b> : 3761
<b>【Calculated】</b> : MW:49kDa	<b>【Observed】</b> : MW:48kDa
<b>【Purification】</b> : Affinity purification	
<b>【Tested applications】</b> : WB	
<b>【Recommended dilution】</b> : WB 1:1000-3000.	
<b>【WB Positive sample】</b> : A549,HUVEC	
<b>【Subcellular location】</b> : Cell membrane	
<b>【Immunogen】</b> : A synthetic peptide of human KCNJ4	
<b>【Storage】</b> : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

### Background:

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Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. Their voltage dependence is regulated by the concentration of extracellular potassium; as external potassium is raised; the voltage range of the channel opening shifts to more positive voltages. The inward rectification is mainly due to the blockage of outward current by internal magnesium. Can be blocked by extracellular barium and cesium.

## Verified picture



Western blot analysis with KCNJ4 antibody  
diluted at 1:2000; Lane: A549, HUVEC