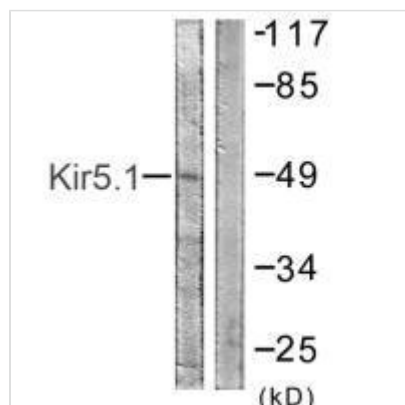




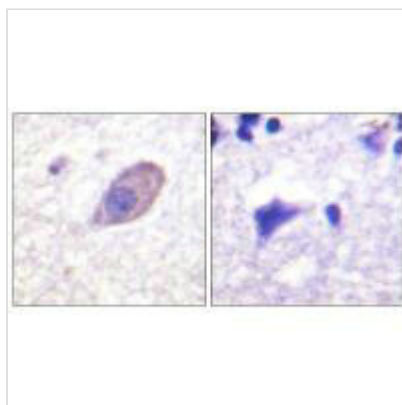
KCNJ16 (Ab-416) Antibody

Product Code	CSB-PA281454
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9NPI9
Immunogen	Synthesized non-phosphopeptide derived from Human Kir5.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total Kir5.1 protein.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:3000,IHC:1:50-1:100,IF:1:100-1:500
Relevance	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. KCNJ16 may be involved in the regulation of fluid and pH balance. Liu Y., Cytogenet. Cell Genet. 90:60-63(2000). Derst C., FEBS Lett. 491:305-311(2001).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	Inward rectifier K channel Kir5.1; IRK16; IRKG; KCNJ16; Potassium channel
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	KCNJ16

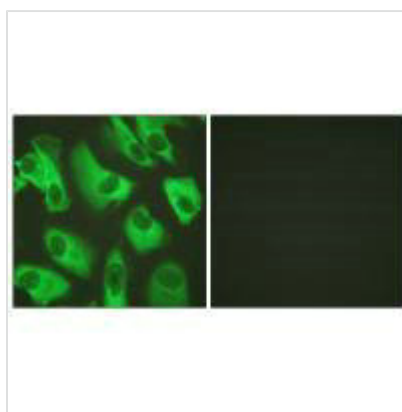
Image



Western blot analysis of extracts from HeLa cells, using Kir5.1 (Ab-416) antibody.



Immunohistochemistry analysis of paraffin-embedded human brain tissue using Kir5.1 (Ab-416) antibody.



Immunofluorescence analysis of HeLa cells, using Kir5.1 (Ab-416) antibody.