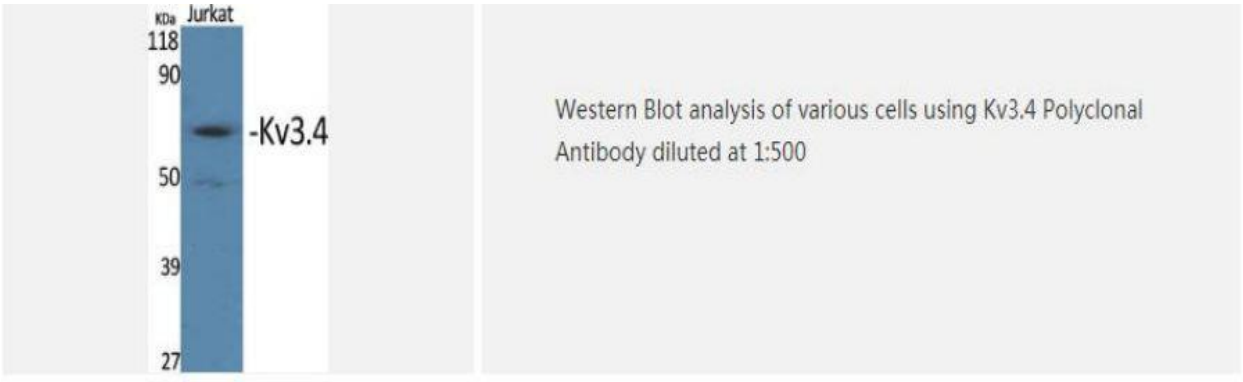
PRODUCT DATA SHEET

Kv34 Polyclonal Antibody

Catalog No.	IPB4151
Reactivity	Human; Mouse; Monkey
Applications	WB; IHC; IF/ICC; ELISA
Dilution	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200 ELISA: 1:20000
Gene Name	KCNC4
Protein Name	Potassium voltage-gated channel subfamily C member 4
Human Gene Id	3749
Swiss-Prot	Q03721
Formulation	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	Membrane; Multi-pass membrane protein
MW	69767
Background	This gene encodes a multipass membrane protein that comprises the pore subunit of the voltage-gated A-type potassium channel, which functions in the repolarization of membrane action potentials Activity of voltage-gated potassium channels is important in a number of physiological processes, among them the regulation of neurotransmitter release, heart rate, insulin secretion, and smooth muscle contraction

Products Images:



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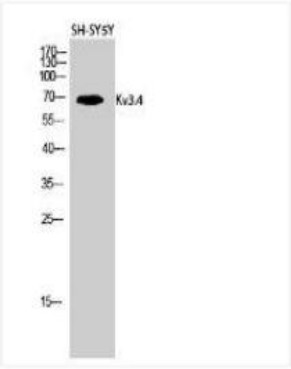
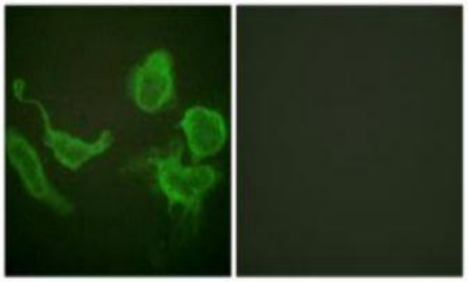
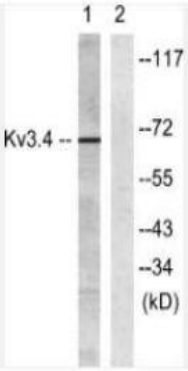


Western Blot analysis of SH-SY5Y cells using Kv3.4 Polyclonal Antibody diluted at 1:500



Immunofluorescence analysis of HeLa cells, using Kv3.4/KCNC4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells treated with Anisomycin 25ug/ml 30', using Kv3.4/KCNC4 Antibody. The lane on the right is blocked with the synthesized peptide.