

## Anti-Phospho-KCNB1-Ser567 antibody (533-582 aa) (STJ91316) STJ91316

### GENERAL INFORMATION

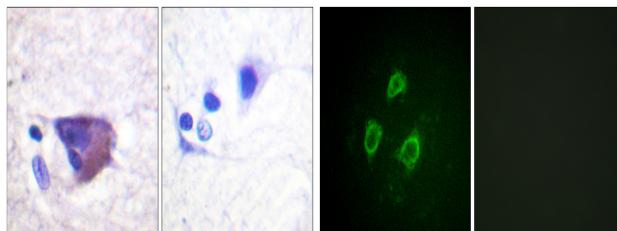
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Phospho-Potassium voltage-gated channel subfamily B member 1-Ser567 (533-582 aa) is suitable for use in Immunohistochemistry, Immunofluorescence and ELISA research applications.
<b>Applications</b>	IHC/IF/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	IHC 1:100-1:300
<b>Range</b>	IF 1:200-1:1000
	ELISA 1:10000
<b>Formulation</b>	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

<b>Gene ID</b>	3745
<b>Gene Symbol</b>	KCNB1
<b>Uniprot ID</b>	KCNB1_HUMAN
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the human Kv2.1/KCNB1 around the phosphorylation site of Ser567 at the amino acid range 533-582
<b>Immunogen Region</b>	533-582 aa
<b>Specificity</b>	Phospho-Kv2.1 (S567) Polyclonal Antibody detects endogenous levels of Kv2.1 protein only when phosphorylated at S567.
<b>Immunogen Sequence</b>	



Immunohistochemistry analysis of paraffin-embedded human brain, using Kv2.1/KCNB1 (Phospho-Ser567) Antibody. The picture on the right is blocked with the phospho peptide.

Immunofluorescence analysis of HepG2 cells, using Kv2.1/KCNB1 (Phospho-Ser567) Antibody. The picture on the right is blocked with the phospho peptide.