

## Anti-Phospho-GJA1-Ser261 antibody (200-280) (STJ91143)

STJ91143

### GENERAL INFORMATION

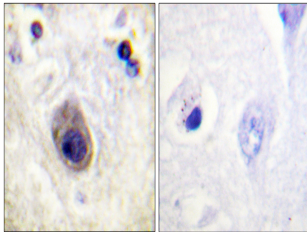
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Phospho-Gap Junction Alpha-1 Protein-Ser261 (200-280) is suitable for use in Immunohistochemistry, Immunofluorescence and ELISA research applications.
<b>Applications</b>	IHC-P, IF-P, ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Rat, Mouse

### 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 anti-serum by affinity-chromatography.
<b>Dilution</b>	IHC 1:100-1:300
<b>Range</b>	ELISA 1:5000
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	2697
<b>Gene Symbol</b>	GJA1
<b>Uniprot ID</b>	CXA1_HUMAN
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Connexin 43 around the phosphorylation site of Ser261 at amino acid range 226-275
<b>Immunogen Region</b>	200-280
<b>Specificity</b>	Phospho-GJA1-Ser261 polyclonal antibody (Gap Junction Alpha-1 Protein) binds to endogenous Gap Junction Alpha-1 Protein at the amino acid region 200-280 only when phosphorylated at Ser261.
<b>Immunogen Sequence</b>	



Immunohistochemistry analysis of paraffin-embedded human brain, using Connexin 43 (Phospho-Ser261) Antibody. The picture on the right is blocked with the phospho peptide.