Connexin 43 (phospho Ser261) Polyclonal Antibody

Catalog No: #13957

Package Size: #13957-1 50ul #13957-2 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	Connexin 43 (phospho Ser261) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human
Specificity	Phospho-Connexin 43 (S261) Polyclonal Antibody detects endogenous levels of Connexin 43 protein only when phosphorylated at S261.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Connexin 43 around the phosphorylation site of Ser261. AA range:226-275
Other Names	GJA1; GJAL; Gap junction alpha-1 protein; Connexin-43; Cx43; Gap junction 43 kDa heart protein
Accession No.	Swiss Prot:P17302GeneID:2697
Calculated MW	43kd
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Background

gap junction protein alpha 1(GJA1) Homo sapiens This gene is a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. The encoded protein is the major protein of gap junctions in the heart that are thought to have a crucial role in the synchronized contraction of the heart and in embryonic development. A related intronless pseudogene has been mapped to chromosome 5. Mutations in this gene have been associated with oculodentodigital dysplasia, autosomal recessive craniometaphyseal dysplasia and heart malformations. [provided by RefSeq, May 2014],