

Connexin 37 Polyclonal Antibody

Catalog No :	YT1043
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	Connexin 37
Gene Name :	GJA4
Protein Name :	Gap junction alpha-4 protein
Human Gene Id :	2701
Human Swiss Prot No :	P35212
Mouse Gene Id :	14612
Mouse Swiss Prot No :	P28235
Rat Gene Id :	25655
Rat Swiss Prot No :	Q03190
Immunogen :	The antiserum was produced against synthesized peptide derived from human GJA4. AA range:81-130
Specificity :	Connexin 37 Polyclonal Antibody detects endogenous levels of Connexin 37 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 37kD

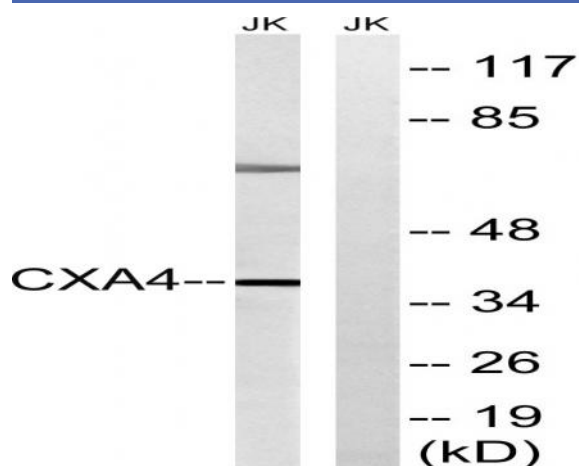
Background : This gene encodes a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. Mutations in this gene have been associated with atherosclerosis and a higher risk of myocardial infarction. [provided by RefSeq, Jul 2008],

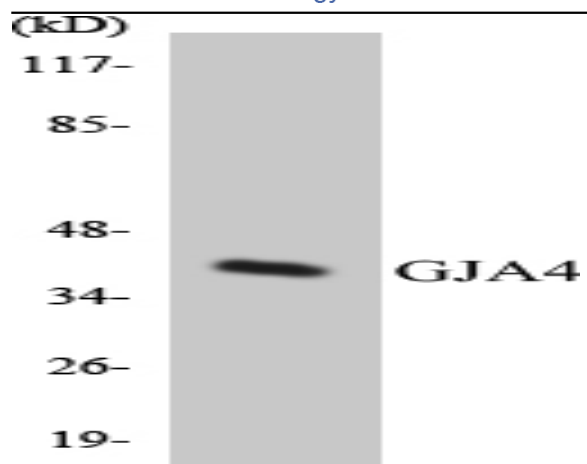
Function : function:One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell.,similarity:Belongs to the connexin family.,similarity:Belongs to the connexin family. Alpha-type (group II) subfamily.,subunit:A connexon is composed of a hexamer of connexins.,tissue specificity:Expressed in multiple organs and tissues, including heart, uterus, ovary, and blood vessel endothelium.,

Subcellular Location : Cell membrane; Multi-pass membrane protein. Cell junction, gap junction.

Expression : Expressed in multiple organs and tissues, including heart, uterus, ovary, and blood vessel endothelium.

Products Images





Western blot analysis of the lysates from 293 cells using GJA4 antibody.