



Connexin 37 Polyclonal Antibody

Catalog No	BYab-17001
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	GJA4
Protein Name	Gap junction alpha-4 protein
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GJA4; Gap junction alpha-4 protein; Connexin-37; Cx37
Observed Band	37kD
Cell Pathway	Cell membrane; Multi-pass membrane protein. Cell junction, gap junction.
Tissue Specificity	Expressed in multiple organs and tissues, including heart, uterus, ovary, and blood vessel endothelium.
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.,
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

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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],

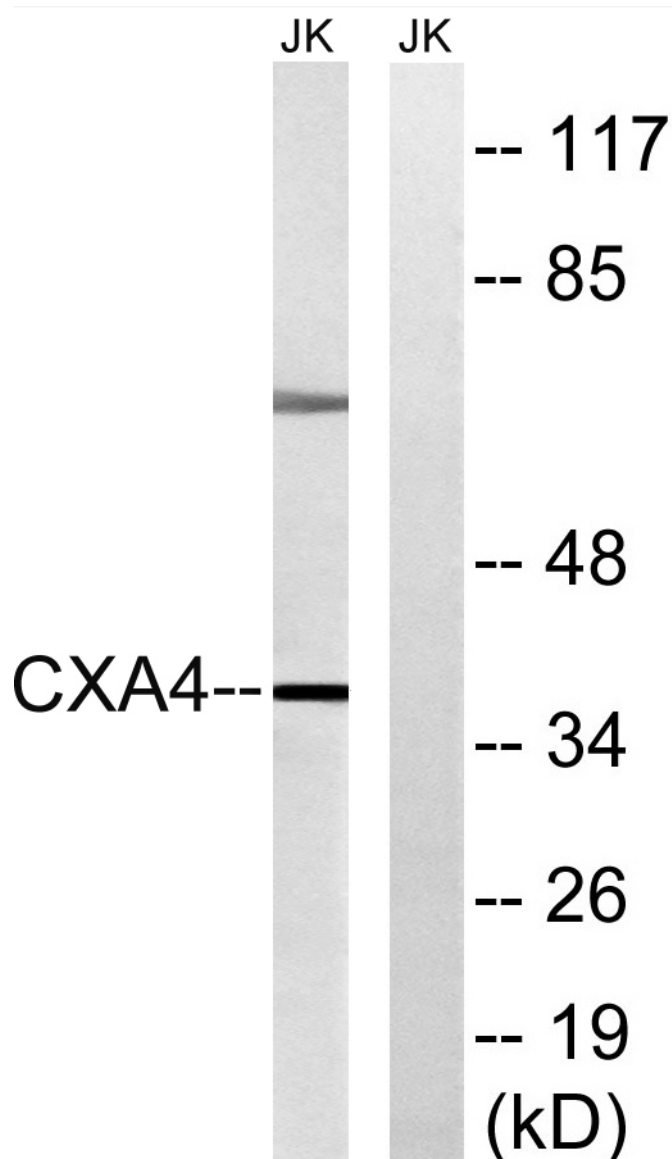
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

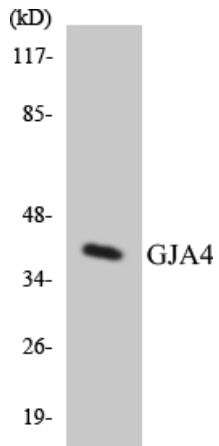


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Western blot analysis of the lysates from 293 cells using GJA4 antibody.