

Connexin 31.3 Polyclonal Antibody

Catalog No :	YT1042
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	Connexin 31.3
Gene Name :	GJC3
Protein Name :	Gap junction gamma-3 protein
Human Gene Id :	349149
Human Swiss Prot No :	Q8NFK1
Mouse Swiss Prot No :	Q921C1
Immunogen :	The antiserum was produced against synthesized peptide derived from human GJC3. AA range:151-200
Specificity :	Connexin 31.3 Polyclonal Antibody detects endogenous levels of Connexin 31.3 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 :	28kD

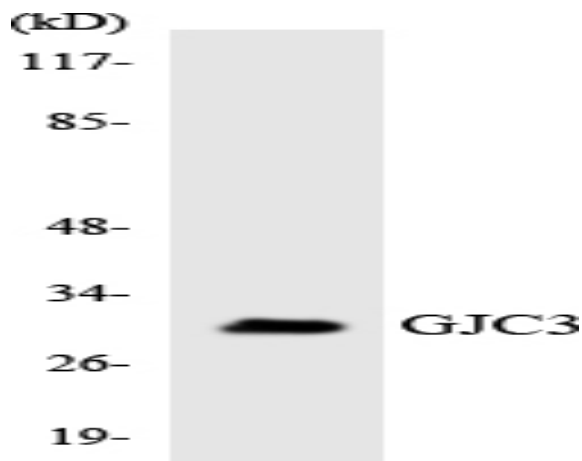
Background : This gene encodes a gap junction protein. The encoded protein, also known as a connexin, plays a role in formation of gap junctions, which provide direct connections between neighboring cells. Mutations in this gene have been reported to be associated with nonsyndromic hearing loss.[provided by RefSeq, Feb 2010],

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. Gamma-type subfamily.,subunit:A connexon is composed of a hexamer of connexins.,tissue specificity:CNS specific. Expression is restricted to brain, spinal cord, and sciatic nerve. According to PubMed:12881038 expression is abundant in skeletal muscle, liver, and heart, and to a minor degree in pancreas and kidney.,

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

Expression : CNS specific. Expression is restricted to brain, spinal cord, and sciatic nerve. According to PubMed:12881038, expression is abundant in skeletal muscle, liver, and heart, and to a minor degree in pancreas and kidney.

Products Images



Western blot analysis of the lysates from K562 cells using GJC3 antibody.