

Connexin 31.3 Polyclonal Antibody

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|------------------------------|---|
| Catalog No : | YT1042 |
| Reactivity : | Human;Rat;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 |

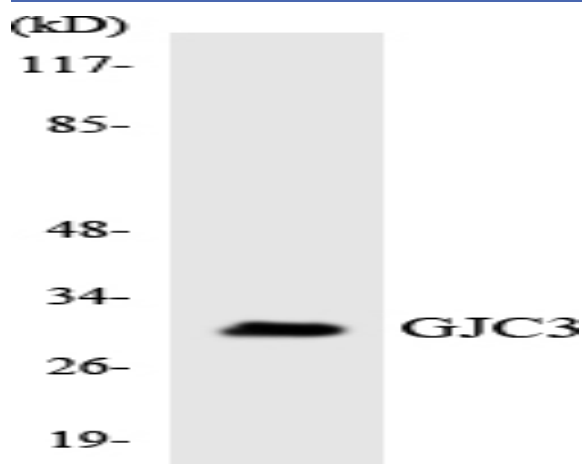
Background : This gene encodes a gap junction protein. The encoded protein, also known as a connexin, plays a role in formation of gap junctions, which provide direct connections between neighboring cells. Mutations in this gene have been reported to be associated with nonsyndromic hearing loss.[provided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

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Products Images



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