

Connexin-45 Polyclonal Antibody

Catalog No: YT1052

Reactivity: Human; Mouse; Rat

Applications: WB;IHC;IF;ELISA

Target: Connexin-45

Gene Name: GJC1

Protein Name: Gap junction gamma-1 protein

P36383

P28229

Human Gene Id: 10052

Human Swiss Prot

No:

Mouse Gene Id: 14615

Mouse Swiss Prot

No:

Rat Gene Id: 266706

Rat Swiss Prot No: A4GG66

Immunogen: The antiserum was produced against synthesized peptide derived from human

Connexin-45. AA range:312-361

Specificity: Connexin-45 Polyclonal Antibody detects endogenous levels of Connexin-45

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. IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200

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: 45kD

Background: 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. Alternatively spliced transcript variants encoding the same

isoform have been described. [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. Gamma-type subfamily., subunit: A connexon is composed of a hexamer of

connexins.,

Subcellular Location:

Cell membrane; Multi-pass membrane protein. Cell junction, gap junction.

Expression : Testis, Uterus,

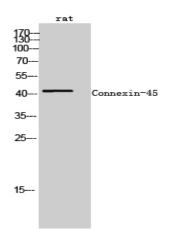
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No4:

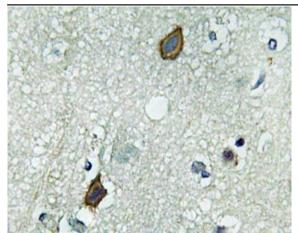
Host: Rabbit

Modifications: Unmodified

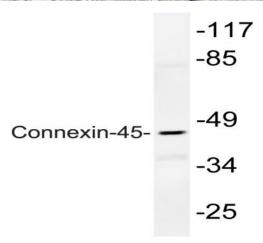
Products Images



Western Blot analysis of rat cells using Connexin-45 Polyclonal Antibody



Immunohistochemistry analysis of Connexin-45 antibody in paraffin-embedded human brain tissue.



Western blot analysis of lysate from rat heart, using Connexin-45 antibody.