



Connexin 45 rabbit pAb

Cat No.:ES4416

For research use only

Overview

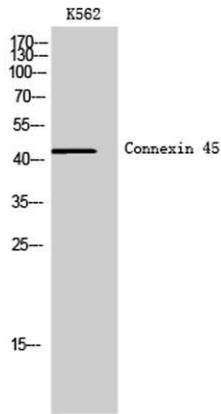
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|---------------------------------|---|
| Product Name | Connexin 45 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;ELISA |
| Species Cross-Reactivity | Human;Mouse;Rat |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized peptide derived from human GJC1. AA range:231-280 |
| 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. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Gap junction gamma-1 protein |
| Gene Name | GJC1 |
| Cellular localization | Cell membrane; Multi-pass membrane protein. Cell junction, gap junction. |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 45kD |
| Human Gene ID | 10052 |
| Human Swiss-Prot Number | P36383 |
| Alternative Names | GJC1; GJA7; Gap junction gamma-1 protein; Connexin-45; Cx45; Gap junction alpha-7 protein |
| 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 |



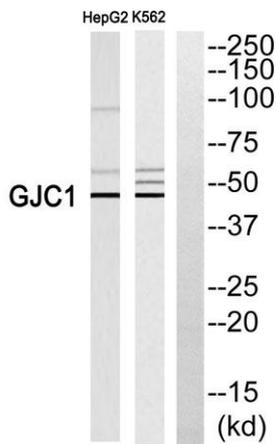


to cell. Alternatively spliced transcript variants encoding the same isoform have been described. [provided by RefSeq, Jul 2008],

Western Blot analysis of K562 cells using Connexin 45 Polyclonal Antibody



Western blot analysis of GJC1 Antibody. The lane on the right is blocked with the GJC1 peptide.



Western blot analysis of the lysates from K562 cells using GJC1 antibody.

