
Product Name: Connexin 25 Rabbit Polyclonal Antibody**Catalog #: APRab09228**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	24kDa

Antigen Information

Gene Name	GJB7
Alternative Names	GJB7; CX25; Gap junction beta-7 protein; Connexin-25; Cx25
Gene ID	375519.0
SwissProt ID	Q6PEY0
Immunogen	The antiserum was produced against synthesized peptide derived from human GJB7. AA range:21-70

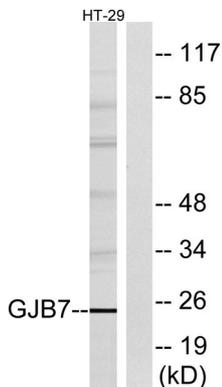
Background

Connexins, such as GJB7, are involved in the formation of gap junctions, intercellular conduits that directly connect the

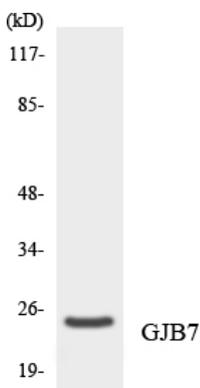
cytoplasms of contacting cells. Each gap junction channel is formed by docking of 2 hemichannels, each of which contains 6 connexin subunits (Sohl et al., 2003 [PubMed 12881038]).[supplied by OMIM, Mar 2008],function:One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell.,similarity:Belongs to the connexin family. Beta-type (group I) subfamily.,subunit:A connexon is composed of a hexamer of connexins.,tissue specificity:Weakly expressed in placenta.,

Research Area

Image Data



Western blot analysis of lysates from HT-29 cells, using GJB7 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using GJB7 antibody.



Western Blot analysis of various cells using Connexin 25 Polyclonal Antibody diluted at 1: 500