GJC1 Polyclonal Antibody

Catalog No: #42181

Orders: order@signalwayantibody.com
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Description

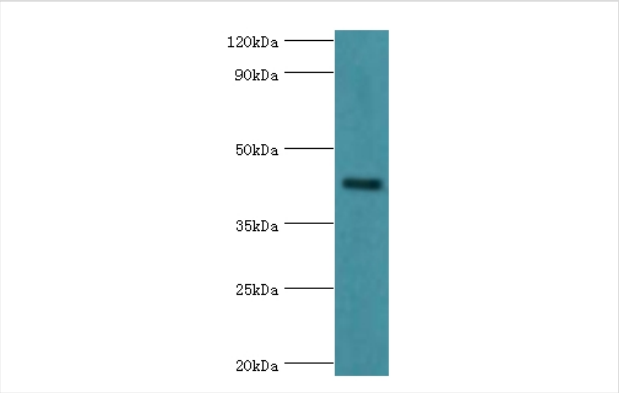
Product Name	GJC1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen Affinity Purified
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total GJC1 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Gap junction gamma-1 protein(247-396aa)
Target Name	GJC1
Other Names	Connexin-45, Cx45, Gap junction alpha-7 protein, GJC1, GJA7
Accession No.	Swiss-Prot#: P36383
Uniprot	P36383
GeneID	10052;
Calculated MW	45kd
Concentration	1.0mg/mL
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage	Store at -20°C

Application Details

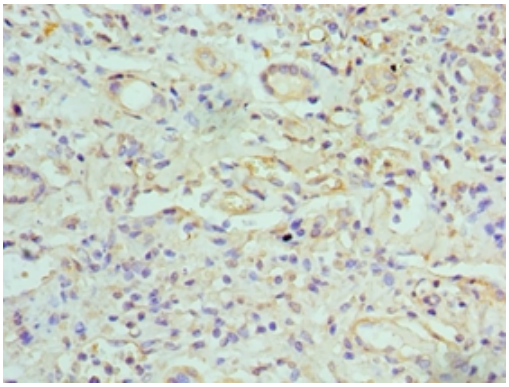
Western blotting: 1:500 - 1:2000

Immunohistochemistry: 1:20 - 1:200

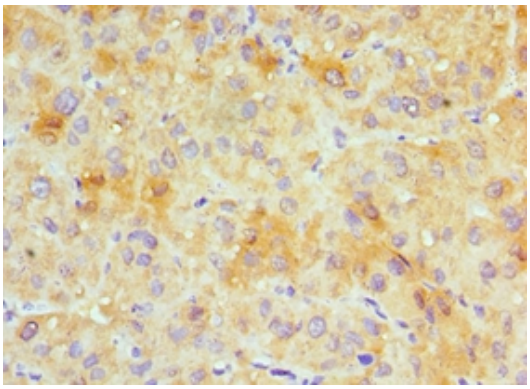
Images



All lanes:Gap junction gamma-1 protein antibody at 6ug/ml+293T whole cell lysate
secondary
Goat polyclonal to rabbit at 1/10000 dilution
predicted band size :45kDa
observed band size :45kDa



Immunohistochemical analysis of paraffin-embedded human kidney using #42181 at dilution of 1:100.



Immunohistochemical analysis of paraffin-embedded human liver cancer using #42181 at dilution of 1:100.

Background

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.

References

[1]The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC)."The MGC Project TeamGenome Res. 14:2121-2127(2004). [2]DNA sequence of human chromosome 17 and analysis of rearrangement in the human lineage." Zody M.C., Garber M., Adams D.J., Sharpe T., Harrow J., Lupski J.R., Nicholson C., Searle S.M., Wilming L., Young S.K., Abouelleil A., Allen N.R., Bi W., Bloom T., Borowsky M.L., Bugalter B.E., Butler J., Chang J.L. Nusbaum C.Nature 440:1045-1049(2006). [3]Complete sequencing and characterization of 21,243 full-length human cDNAs."Ota T., Suzuki Y., Nishikawa T., Otsuki T., Sugiyama T., Irie R., Wakamatsu A., Hayashi K., Sato H., Nagai K., Kimura K., Makita H., Sekine M., Obayashi M., Nishi T., Shibahara T., Tanaka T., Ishii S. Sugano S.Nat. Genet. 36:40-45(2004).

Note: This product is for in vitro research use only