

Anti-TJP2 Polyclonal Antibody

Cat: AC50693

Summary:

【Product name】 : Anti-TJP2 antibody

【Source】 : Rabbit

【Isotype】 : IgG

【Species reactivity】 : Human, Mouse

【Swiss Prot】 : Q9UDY2

【Gene ID】 : 9414

【Calculated】 : MW: 134kDa

【Observed】 : MW: 160kDa

【Purification】 : Affinity purification

【Tested applications】 : WB IHC

【Recommended dilution】 : WB 1:500-2000. IHC 1:50-200.

【WB Positive sample】 : Hela,SMCCC7721,Jurkat,Mouse pancreas

【IHC Positive sample】 : Human cervical cancer

【Subcellular location】 : Cell junction Cell membrane Cytoplasmic side Nucleus Peripheral membrane protein adherens junction tight junction.

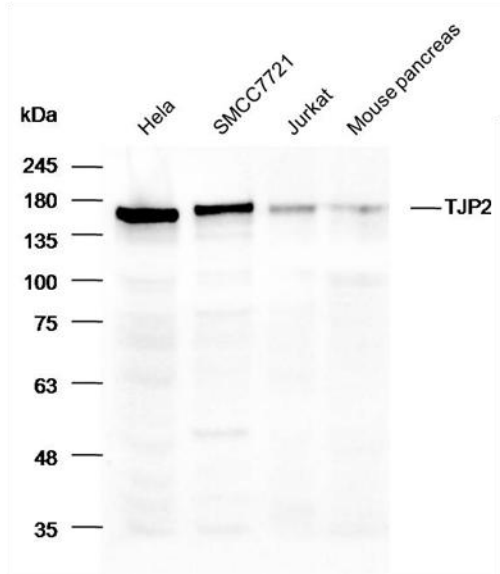
【Immunogen】 : Recombinant protein of human TJP2.

【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C

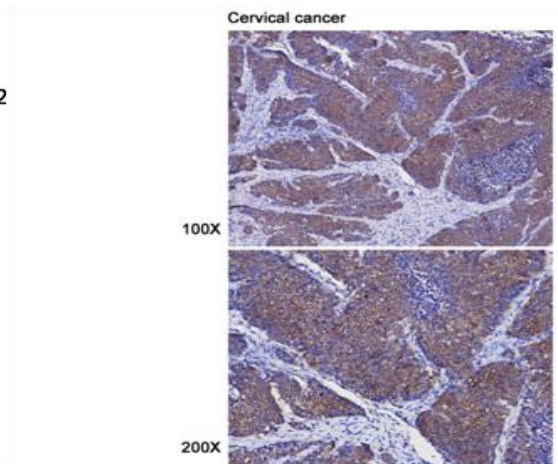
Background:

This gene encodes a zonula occludens that is a member of the membrane-associated guanylate kinase homolog family. The encoded protein functions as a component of the tight junction barrier in epithelial and endothelial cells and is necessary for proper assembly of tight junctions. Mutations in this gene have been identified in patients with hypercholanemia, and genomic duplication of a 270 kb region including this gene causes autosomal dominant deafness-51. Alternatively spliced transcripts encoding multiple isoforms have been observed for this gene.

Verified picture



Western blot analysis with TJP2 antibody diluted at 1:1000



Immunohistochemistry of paraffin-embedded Human cervical cancer with TJP2 antibody diluted at 1:100