

Anti - ZO1 tight junction protein Rabbit pAb

GB111981 100µL -20°C

Product Information

Description	ZO1 tight junction protein rabbit polyclonal antibody
Protein full name	Tight junction protein ZO-1
Synonyms	TJP1, ZO-1, Tight junction protein 1
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse ZO-1
Isotype	IgG
Purity	Affinity purification
Subcellular location	Cell membrane, Cell junction
Uniprot ID	Q07157, P39447

Applications

Applications	Species	Dilution	Positive Sample
IHC/IF	Human, Mouse, Rat	1: 200-1: 1200	brain, colon cancer, duodenum, jejunum, small intestine

Background

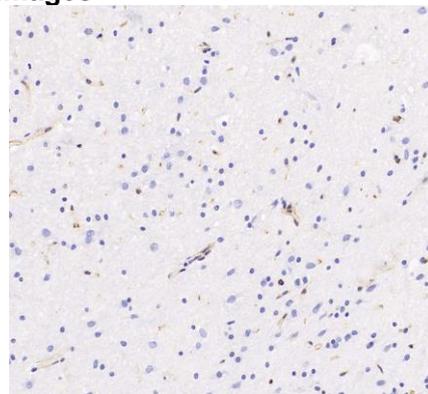
The N-terminal may be involved in transducing a signal required for tight junction assembly, while the C-terminal may have specific properties of tight junctions. The alpha domain might be involved in stabilizing junctions. Plays a role in the regulation of cell migration by targeting CDC42BPB to the leading edge of migrating cells.

Storage

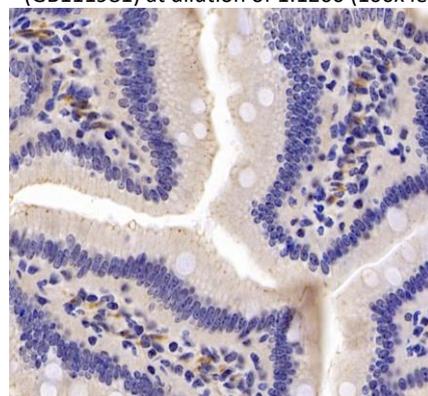
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Storage Buffer	PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

NOTE: 1. This product is intended for research only.
2. This product is recommended to dilute with the Primary Antibody Dilution Buffer.

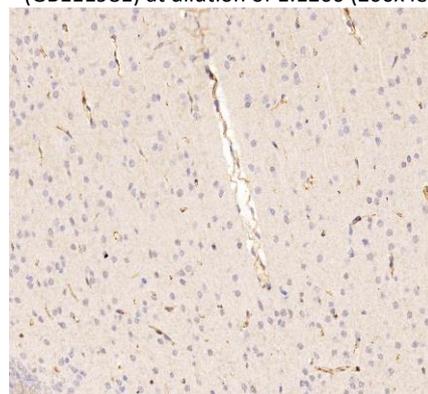
Images



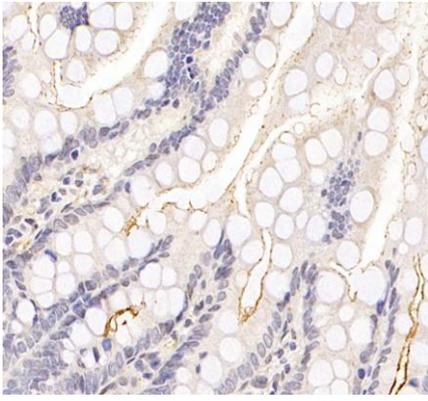
Immunohistochemistry of paraffin embedded human brain using ZO-1 (GB111981) at dilution of 1:1200 (100x lens)



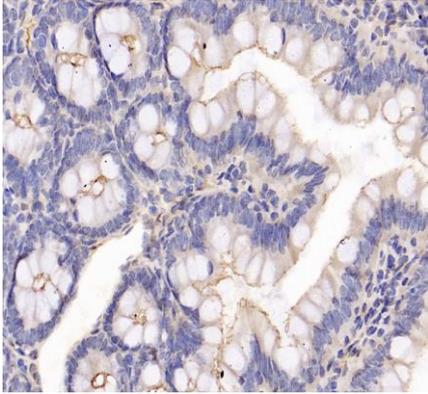
Immunohistochemistry of paraffin embedded mouse small intestine using ZO-1 (GB111981) at dilution of 1:1200 (200x lens)



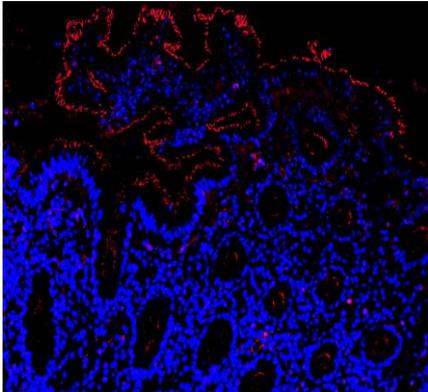
Immunohistochemistry of paraffin embedded rat brain using ZO-1 (GB111981) at dilution of 1:1200 (100x lens)



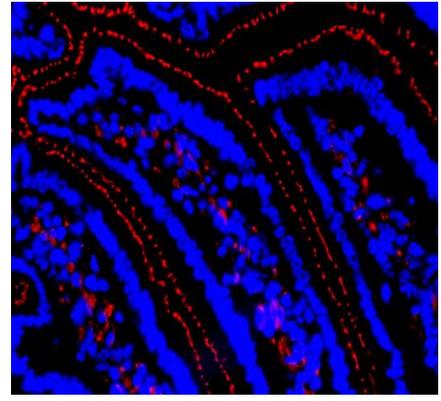
Immunohistochemistry of paraffin embedded rat jejunum using ZO-1 (GB111981) at dilution of 1:1200 (100x lens)



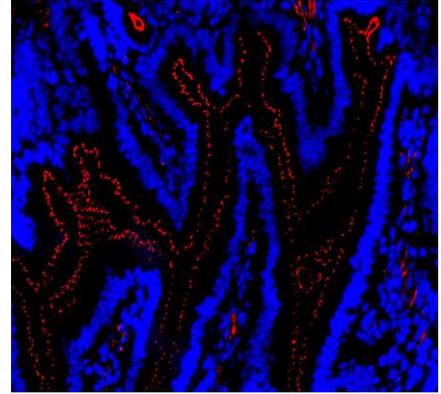
Immunohistochemistry of paraffin embedded rat small intestine using ZO-1 (GB111981) at dilution of 1:1200 (200x lens)



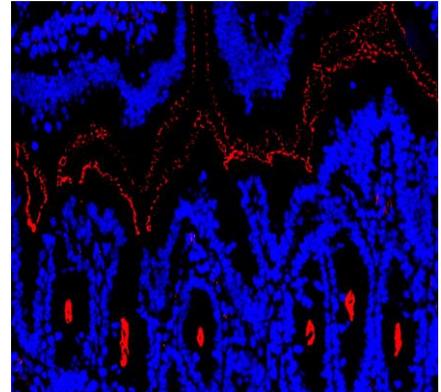
Immunofluorescence of paraffin embedded human colon cancer using ZO-1 (GB111981) at dilution of 1:800 (40x lens)



Immunofluorescence of paraffin embedded mouse duodenum using ZO-1 (GB111981) at dilution of 1:800 (100x lens)



Immunofluorescence of paraffin embedded mouse small intestine using ZO-1 (GB111981) at dilution of 1:800 (100x lens)



Immunofluorescence of paraffin embedded rat small intestine using ZO-1 (GB111981) at dilution of 1:800 (100x lens)