

Occludin Polyclonal Antibody

Catalog No. E-AB-63724

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human Occludin (NP_002529.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

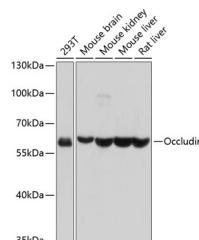
Applications Recommended Dilution

WB 1:1000-1:2000

IHC 1:50-1:200 IF

1:50-1:200

Data

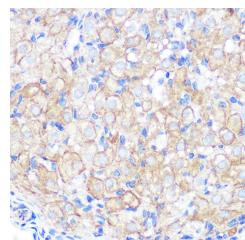


Western blot analysis of extracts of various cell lines using Occludin Polyclonal Antibody at dilution of 1:1000.

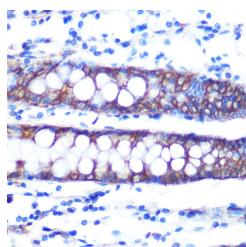
Observed Mw:59kDa

Calculated

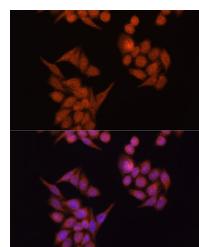
Mw:8kDa/23kDa/31kDa/52kDa/54kDa/59kDa



Immunohistochemistry of paraffin-embedded Rat ovary using Occludin Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human colon using Occludin Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of HeLa cells using Occludin Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

For Research Use Only

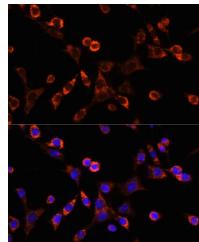
Toll-free: 1-888-852-8623

Web: www.elabscience.com

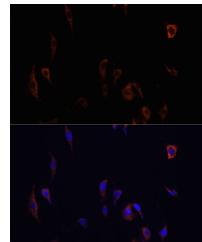
Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017



Immunofluorescence analysis of NIH/3T3 cells using Occludin Polyclonal Antibody at dilution of 1:100.
Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC12 cells using Occludin Polyclonal Antibody at dilution of 1:100.
Blue: DAPI for nuclear staining.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

This gene encodes an integral membrane protein that is required for cytokine-induced regulation of the tight junction paracellular permeability barrier. Mutations in this gene are thought to be a cause of band-like calcification with simplified gyration and polymicrogyria (BLC-PMG), an autosomal recessive neurologic disorder that is also known as pseudo-TORCH syndrome. Alternative splicing results in multiple transcript variants. A related pseudogene is present 1.5 Mb downstream on the q arm of chromosome 5.

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