Rabbit Occludin Polyclonal Antibody | anti-OCLN antibody

Occludin Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30579	**Rabbit**	**Human, Mouse, Rat**	**Western Blot, Immunohistochemistry, Immunofluorescence**

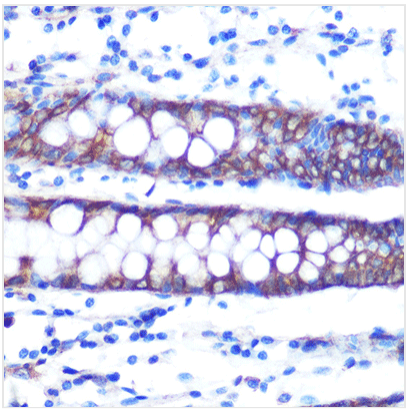
PRODUCT SYNONYMS

Occludin; Polyclonal Antibody; Occludin Rabbit Polyclonal Antibody; OCLN; BLCPMG; PPP1R115; PTORCH1; occludin; anti-OCLN antibody

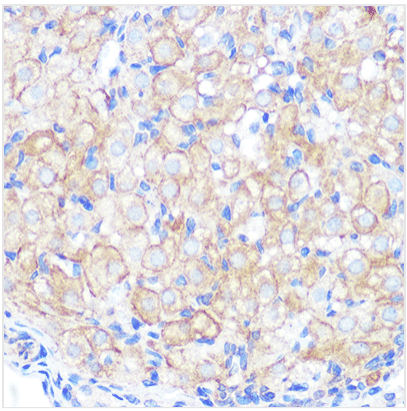
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Applicable Applications for anti-OCLN antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:1000-1:2000 IHC1:50-1:200 IF: 1:50-1:200
Immunogen	Recombinant fusion protein of human Occludin (NP_002529.1)
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

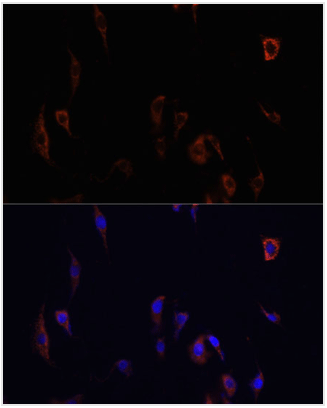
IMAGES



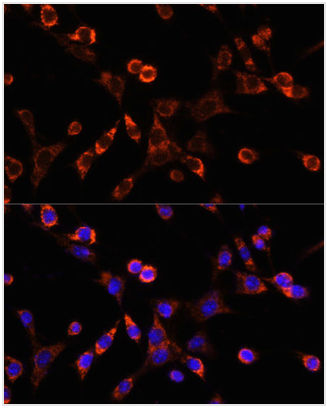
IHC (Immunohistchemistry)
Immunohistochemistry of paraffin-embedded human colon using Occludin Rabbit pAb at dilution of 1:100 (40x lens



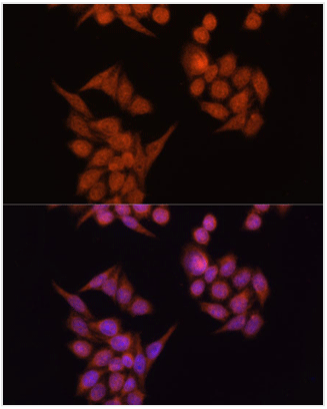
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat ovary using Occludin Rabbit pAb at dilution of 1:100 (40x lens).



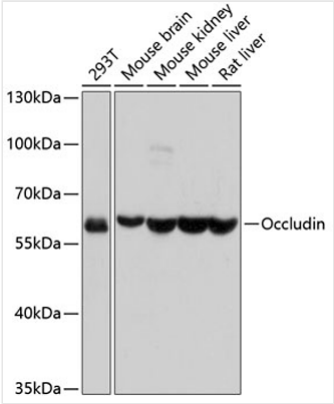
IF (Immunofluorescence)
Immunofluorescence analysis of PC12 cells using Occludin at dilution of 1:100. Blue: DAPI for nuclear staining.



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



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using Occludin at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using Occludin at 1:1000 dilution

ADDITIONAL INFORMATION

Related Product Information for anti-OCLN antibody	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.
Product Categories/Family for anti-OCLN antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505487
NCBI GeneID	100506658
NCBI Accession #	NP_002529.1
NCBI GenBank Nucleotide #	NM_002538.3
UniProt Accession #	Q16625; Q8N6K1; B5BU70; Q5U1V4
Molecular Weight	Calculated MW: 8kDa/23kDa/31kDa/52kDa/54kDa/59kDa
NCBI Official Full Name	occludin isoform a
NCBI Official Synonym Full Names	occludin

NCBI Official Symbol	OCLN
NCBI Official Synonym Symbols	BLCPMG; FLJ08163; FLJ18079; FLJ77961; FLJ94056; MGC34277
NCBI Protein Information	occludin; OTTHUMP00000125187; OTTHUMP00000222347; tight junction protein occludin
UniProt Protein Name	Occludin
UniProt Gene Name	**OCLN**
UniProt Entry Name	OCLN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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