

Rabbit anti-Human Occludin Polyclonal Antibody | anti-OCLN antibody

Rabbit anti-Occludin Antibody, Affinity Purified

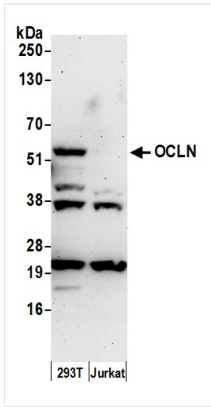
CATALOG # AAA213200	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

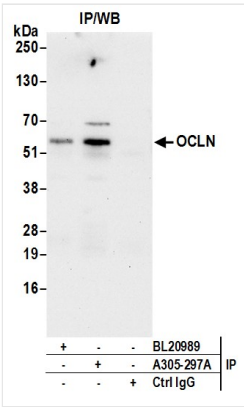
Occludin; Polyclonal Antibody; Rabbit anti-Occludin Antibody; Affinity Purified; PTORCH1; tight junction protein occludin; PPP1R115; phosphatase 1; regulatory subunit 115; occludin; BLCPMG; anti-OCLN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-OCLN antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Dog, Orangutan
Immunogen	Between 472 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human Occludin by western blot. Samples: Whole cell lysate (50 ug) from 293T and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Occludin antibody AAA213200 (lot AAA213200-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)
Detection of human Occludin by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Occludin antibody AAA213200 (lot AAA213200-1) used for IP at 6 ug per reaction. Occludin was also immunoprecipitated by rabbit anti-Occludin antibody BL20989. For blotting immunoprecipitated Occludin, AAA213200 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-OCLN antibody	Occludin may play a role in the formation and regulation of the tight junction (TJ) paracellular permeability barrier. It is able to induce adhesion when expressed in cells lacking tight junctions [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q16625].
Product Categories/Family for anti-OCLN antibody	Primary Antibodies

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	65kDa
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.

