

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

OCLN Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234210	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

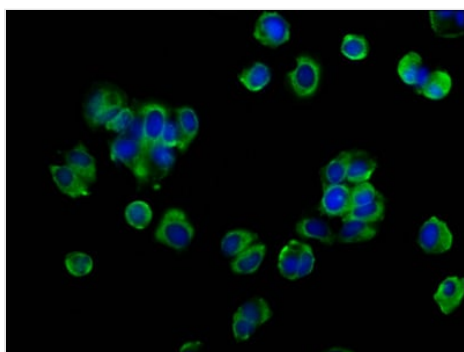
PRODUCT SYNONYMS

OCLN; Polyclonal Antibody; OCLN Antibody; Occludin; anti-OCLN antibody

PRODUCT SPECIFICATIONS

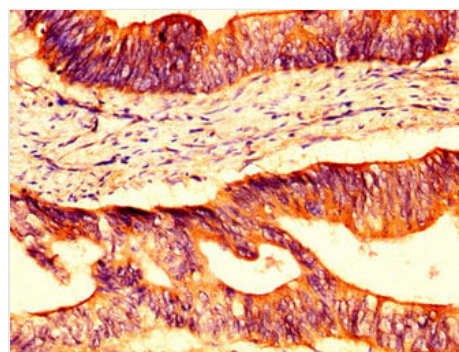
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	522
Applicable Applications for anti-OCLN antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Occludin protein (285-430AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



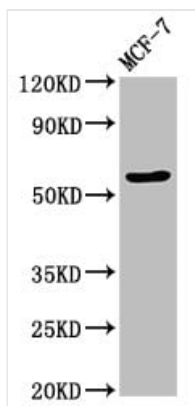
IHC (Immunohistochemistry)

Immunofluorescence staining of MCF-7 cells with AAA234210 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234210 diluted at 1:400 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: MCF-7 whole cell lysate All lanes: OCLN antibody at 3.2ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 60, 53, 55, 32, 24, 9 KDa Observed band size: 60 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-OCLN antibody	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.
Product Categories/Family for anti-OCLN antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	327478414
NCBI GeneID	100506658
NCBI Accession #	NP_001192183.1
NCBI GenBank Nucleotide #	NM_001205254.1
UniProt Accession #	Q16625; Q5U1V4; Q8N6K1; B5BU70; D2DU64; D2DU65; D2IGC0; D2IGC1; E2CYV9
Molecular Weight	8,175 Da
NCBI Official Full Name	occludin isoform a
NCBI Official Synonym Full Names	occludin
NCBI Official Symbol	OCLN
NCBI Official Synonym Symbols	BLCPMG; PTORCH1; PPP1R115
NCBI Protein Information	occludin
UniProt Protein Name	Occludin
UniProt Gene Name	OCLN

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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Online datasheet: <https://www.aaabiotech.com/polyclonal/ocln-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234210>