

Rabbit anti-Human, Mouse CLDN11 Polyclonal Antibody | anti-CLDN11 antibody

CLDN11 Antibody

CATALOG # AAA303222	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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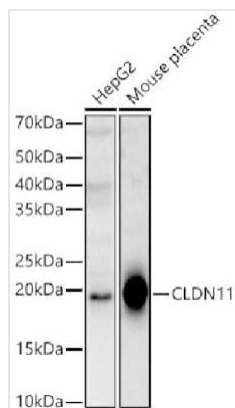
PRODUCT SYNONYMS

CLDN11; Polyclonal Antibody; CLDN11 Antibody; OSP; OTM; anti-CLDN11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous level of total CLDN11 protein.
Purity/Purification	Affinity purified
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	0.94 mg/ml (varies by lot)
Sequence Length	207
Applicable Applications for anti-CLDN11 antibody	WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human CLDN11 (NP_005593.2).
Target Name	CLDN11
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates, using CLDN11 antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CLDN11 antibody	This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. The protein encoded by this gene is a major component of central nervous system (CNS) myelin and plays an important role in regulating proliferation and migration of oligodendrocytes. Mouse studies showed that the gene deficiency results in deafness and loss of the Sertoli cell epithelial phenotype in the testis. This protein is a tight junction protein at the human blood-testis barrier (BTB), and the BTB disruption is related to a dysfunction of this gene. Alternatively spliced transcript variants encoding different isoforms have been identified.
Product Categories/Family for anti-CLDN11 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	10938016
NCBI GeneID	5010
NCBI Accession #	NP_005593.2
NCBI GenBank Nucleotide #	NM_005602.5
UniProt Accession #	O75508; Q5U0P3; B2R7C1; D3DNQ5
Molecular Weight	SDS-PAGE MW 22kDa
NCBI Official Full Name	claudin-11 isoform 1
NCBI Official Synonym Full Names	claudin 11
NCBI Official Symbol	CLDN11
NCBI Official Synonym Symbols	OSP; OTM
NCBI Protein Information	claudin-11
UniProt Protein Name	Claudin-11
UniProt Gene Name	CLDN11
UniProt Synonym Gene Names	OSP; OTM
UniProt Entry Name	CLD11_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.