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## anti-Claudin 11 antibody (AA 26-207)

**Images** 

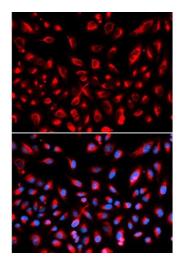


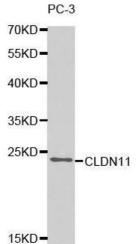
#### Overview

Quantity:	100 μg
Target:	Claudin 11 (CLDN11)
Binding Specificity:	AA 26-207
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Claudin 11 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 26-207 of human CLDN11 (NP_005593.2).
Sequence:	STNDWVVTCG YTIPTCRKLD ELGSKGLWAD CVMATGLYHC KPLVDILILP GYVQACRALM IAASVLGLPA ILLLLTVLPC IRMGQEPGVA KYRRAQLAGV LLILLALCAL VATIWFPVCA HRETTIVSFG YSLYAGWIGA VLCLVGGCVI LCCAGDAQAF GENRFYYTAG SSSPTHAKSA HV
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	Claudin 11 (CLDN11)
Alternative Name:	CLDN11 (CLDN11 Products)
Background:	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.,CLDN11,OSP,OTM,Immunology & Inflammation,Neuroscience,Cell Type
	Marker, Neurodegenerative Diseases, Oligodendrocyte marker, CLDN11
Molecular Weight:	21 kDa
Gene ID:	5010
UniProt:	075508
Pathways:	Hepatitis C
Application Details	
Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only
Handling	
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
	Store at -20°C. Avoid freeze / thaw cycles.





## Immunofluorescence

**Image 1.** Immunofluorescence analysis of U2OS cell using CLDN11 antibody. Blue: DAPI for nuclear staining.

## **Western Blotting**

**Image 2.** Western blot analysis of extracts of PC-3 cell line, using CLDN11 antibody.