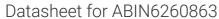
# antibodies -online.com







## anti-Claudin 11 antibody (C-Term)



**Images** 



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Quantity:	100 μL
Target:	Claudin 11 (CLDN11)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Claudin 11 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

### **Product Details**

Immunogen:	A synthesized peptide derived from human Claudin 11, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	Claudin 11 Antibody detects endogenous levels of total Claudin 11.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

## **Target Details**

Target:	Claudin 11 (CLDN11)	

## **Target Details**

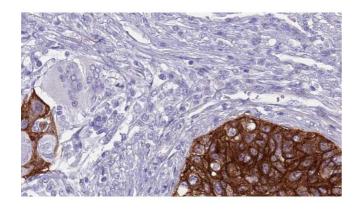
Alternative Name:	CLDN11 (CLDN11 Products)
Background:	Description: Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity.  Gene: CLDN11
Molecular Weight:	22 kDa
Gene ID:	5010
UniProt:	075508
Pathways:	Hepatitis C

## **Application Details**

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

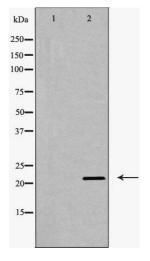
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 $\%$ sodium azide and 50 $\%$ glycerol.
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
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



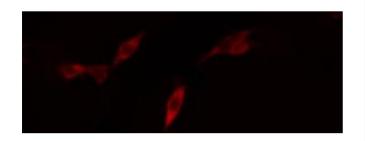
#### **Immunohistochemistry**

**Image 1.** ABIN6268911 at 1/100 staining Human urothelial cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



#### **Western Blotting**

**Image 2.** Western blot analysis of Claudin 11 expression in Mouse brain extract. The lane on the left is treated with the antigen-specific peptide.



#### Immunofluorescence (fixed cells)

Image 3. ABIN6268911 staining U87-MG cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibody.