

# Phospho-Claudin 1 (Tyr210) Antibody

Cat.#: AF8256	Concn.: 1mg/ml	Mol.Wt.: 22kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

**Application:** WB 1:1000-3000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000

**Reactivity:** Human,Mouse,Rat

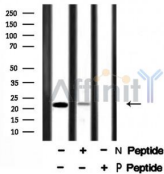
**Purification:** The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

**Specificity:** Phospho-Claudin 1 (Tyr210) Antibody detects endogenous levels of Claudin 1 only when phosphorylated at Tyr210.

**Immunogen:** A synthesized peptide derived from human Claudin 1 around the phosphorylation site of Tyr210.

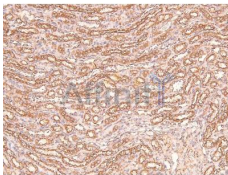
**Uniprot:** O95832

**Storage Condition and Buffer:** Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.

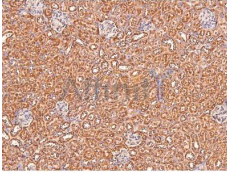


Western blot analysis of Claudin 1 (Phospho-Tyr210) using HeLa whole cell lysates.

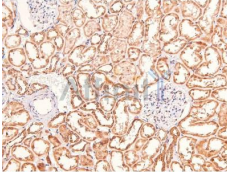
-/+ means absence or presence of N peptide (non-phospho peptide) and P peptide(phospho peptide).



AF8256 at 1/200 staining Rat kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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 antibody.



AF8256 at 1/200 staining Mouse kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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 antibody.



AF8256 at 1/200 staining Human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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 antibody.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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