

## Phospho-Claudin 4 (Tyr208) Antibody

Cat.#: AF8257  
 Size: 100ul,200ul

Concn.: 1mg/ml  
 Source: Rabbit

Mol.Wt.: 22 kDa  
 Clonality: Polyclonal

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

**Reactivity:** Human,Mouse,Rat,Monkey

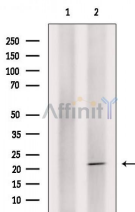
**Purification:** The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

**Specificity:** Phospho-Claudin 4 (Tyr208) Antibody detects endogenous levels of Claudin 4 only when phosphorylated at Tyr208.

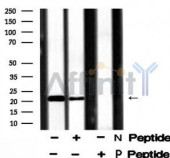
**Immunogen:** A synthesized peptide derived from human Claudin 4 around the phosphorylation site of Tyr208.

**Uniprot:** O14493

**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.

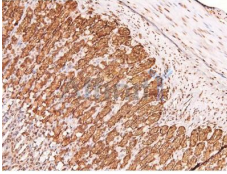


Western blot analysis of extracts from COS-7 cells(uv treatment), using Phospho-Claudin 4 (Tyr208) Antibody. The lane on the left was treated with blocking peptide.



Western blot analysis of Claudin 4 (Phospho-Tyr208) using K562 whole cell lysates.

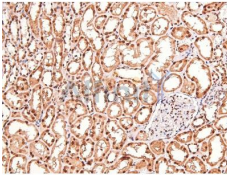
-/+ means absence or presence of N peptide (non-phospho peptide) and P peptide(phospho peptide).



AF8257 at 1/200 staining Rat gastric 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.



AF8257 at 1/200 staining Mouse brain 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.



AF8257 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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