

Claudin 7 (Phospho-Tyr210) Antibody

Catalog No: #11794



Package Size: #11794-1 50ul #11794-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

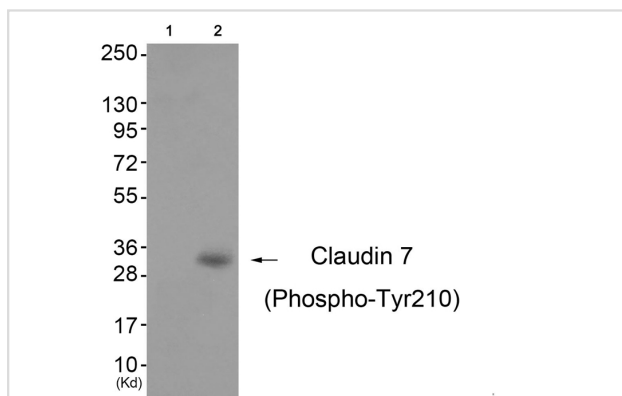
Description

Product Name	Claudin 7 (Phospho-Tyr210) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of Claudin 7 only when phosphorylated at tyrosine 210.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 210 (S-K-E-Y(p)-V) derived from Human Claudin 7.
Target Name	Claudin 7
Modification	Phospho-Tyr210
Other Names	CEPTRL2; claudin 7; CLD7; CPETRL2; CLDN7
Accession No.	Swiss-Prot#: O95471; NCBI Gene#: 1366; NCBI Protein#: NP_001171951.1.
SDS-PAGE MW	32kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from 3T3 cells (Lane 2), using Claudin 7 (Phospho-Tyr210) Antibody #11794. The lane on the left is treated with antigen-specific peptide.

Background

Claudins, such as CLDN7, are involved in the formation of tight junctions between epithelial cells. Tight junctions restrict lateral diffusion of lipids and membrane proteins, and thereby physically define the border between the apical and basolateral compartments of epithelial cells.

Keen T.J.; Submitted (SEP-1998) to the EMBL/GenBank/DDBJ databases.

Kalnine N., Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

The MGC Project Team; Genome Res. 14:2121-2127(2004).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.