

## Anti-Claudin-4 Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Human,Mouse,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 23 kDa.
Purification:	Protein A purified

### Applications

Application:	ELISA,WB
Recommended	WB: 1:500-2000; ELISA: 1:2000-5000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human CLDN4
Antigen Species:	Human
Gene ID:	1364
Uniprot ID:	O14493
Synonyms:	Claudin-4;Claudin4;CPE-R;CPETR1;WBSCR8;CPE R;CLDN4
Biology Area:	Tight Junctions

### Research Background

Claudin 1-8 proteins are a family of transmembrane proteins associated with tight junctions. Tight junctions are specialized regions of cell to cell contact made up of network of strands that act as a molecular gasket for preventing the leakage of ions, water etc. between cells. They are abundant in luminal epithelial sheets where they maintain epithelial cell polarity. Different tissues exhibit different Claudin composition.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481