

## Claudin-7 Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP01853
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Claudin 7. AA range:162-211
Mol wt	22390
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Claudin-7 Antibody
Synonyms	CLDN7; CEPTRL2; CPETRL2; Claudin-7; CLDN-7

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

CLDN7 encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. Differential expression of this gene has been observed in different types of malignancies, including breast cancer, ovarian cancer, hepatocellular carcinomas, urinary tumors, prostate cancer, lung cancer, head and neck cancers, thyroid carcinomas, etc. Alternatively spliced transcript variants encoding different isoforms have been found.

### Recommended Dilution

WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

ELISA: 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for one year