

RK05634

Leader in Biomolecular Solutions for Life Science



## [One Step] CLDN7 Antibody Kit

Catalog No.: RK05634

### Basic Information

#### Applications

#### Cross-Reactivity

Human, Mouse, Rat

#### Observed MW

22kDa

#### Calculated MW

22kDa

#### Category

Antibody kit

### Background

This gene 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.

### Product Information

#### Source

Rabbit

#### Purification

#### Storage

Avoid repeated freeze-thaw cycles.

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Component & Recommended Dilutions

Catalog No.	Product Name	Dilutions
RK05634-1	CLDN7 Rabbit pAb	22kDa
RK05634-2	HRP-conjugated Goat anti-Rabbit IgG (H+L)	22kDa

### Immunogen Information

#### Gene ID

1366

#### Swiss Prot

O95471

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 29-211 of human CLDN7 (NP\_001298.3).

#### Synonyms

CLDN-7; CEPTRL2; CPETRL2; Hs.84359; claudin-1; CLDN7