



# Anti-CLDN7 polyclonal antibody (CABT-B8837)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Recombinant protein of human CLDN7
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Purification</b>	Affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC, IF
<b>Format</b>	Liquid
<b>Size</b>	50 µl
<b>Buffer</b>	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.

## BACKGROUND

<b>Introduction</b>	<p>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</p>
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tumors, prostate cancer, lung cancer, head and neck cancers, thyroid carcinomas, etc..  
Alternatively spliced transcript variants encoding different isoforms have been found.

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## GENE INFORMATION

Entrez Gene ID	<a href="#">1366</a>
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UniProt ID	<a href="#">O95471</a>
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