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**Product Name: CLD22 Rabbit Polyclonal Antibody****Catalog #: APRab08940**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Rat,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	24kDa

**Antigen Information**

<b>Gene Name</b>	CLDN22
<b>Alternative Names</b>	
<b>Gene ID</b>	53842.0
<b>SwissProt ID</b>	Q8N7P3
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein AA range: 139-189

**Background**

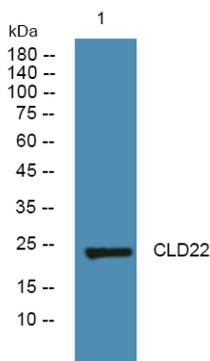
This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal

transductions. This gene is intronless and overlaps the 3' UTR of the WWC2 gene (GenelD: 80014) on the opposite strand. [provided by RefSeq, Aug 2010],function:Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity.,similarity:Belongs to the claudin family.,

## Research Area

Cell adhesion molecules (CAMs);Tight junction;Leukocyte transendothelial migration;

## Image Data



Western blot analysis of lysates from SH-SY5Y cells, CLD22 Rabbit Polyclonal Antibody was diluted at 1:1000, 4°over night