

hCG_1646420 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12141c**Specification**

hCG_1646420 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [C9JDP6](#)**hCG_1646420 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 644672**Other Names**

Putative claudin-25, CLDN25

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

hCG_1646420 Antibody (Center) Blocking peptide - Protein Information**Name** CLDN25**Function**

Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity.

Cellular Location

Cell junction, tight junction. Cell membrane; Multi-pass membrane protein

hCG_1646420 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

hCG_1646420 Antibody (Center) Blocking peptide - Images**hCG_1646420 Antibody (Center) Blocking peptide - 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.

hCG_1646420 Antibody (Center) Blocking peptide - References

Lal-Nag, M., et al. Genome Biol. 10 (8), 235 (2009) :Krause, G., et al. Biochim. Biophys. Acta 1778(3):631-645(2008) Katoh, M., et al. Int. J. Mol. Med. 11(6):683-689(2003) Venter, J.C., et al. Science 291(5507):1304-1351(2001)