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hCG_1646420 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12141c

Specification

hCG_1646420 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	C9JDP6
Other Accession	NP_001094859.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**25394**
Antigen Region	**99-128**

hCG_1646420 Antibody (Center) - Additional Information

Gene ID 644672

Other Names
Putative claudin-25, CLDN25

Target/Specificity
This hCG_1646420 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 99-128 amino acids from the Central region of human hCG_1646420.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
hCG_1646420 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

hCG_1646420 Antibody (Center) - Protein Information

Name CLDN25

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

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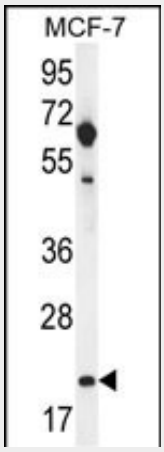
Cellular Location
Cell junction, tight junction. Cell membrane; Multi-pass membrane protein

hCG_1646420 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

hCG_1646420 Antibody (Center) - Images



hCG_1646420 Antibody (Center) (Cat. #AP12141c) western blot analysis in MCF-7 cell line lysates (35ug/lane).This demonstrates the hCG_1646420 antibody detected the hCG_1646420 protein (arrow).

hCG_1646420 Antibody (Center) - 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) - 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)