

Anti-RHCG Antibody (aa209-218)
Goat Anti Human Polyclonal Antibody
Catalog # ALS17881**Specification**

Anti-RHCG Antibody (aa209-218) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q9UBD6
Predicted	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	53179

Anti-RHCG Antibody (aa209-218) - Additional Information**Gene ID** 51458**Alias Symbol** RHCG**Other Names**

RHCG, Ammonium transporter Rh type C, C15orf6, CDRC2, Rh family, C glycoprotein, RHGK, SLC42A3, Tumor-related protein DRC2, Rh family type C glycoprotein, Rh type C glycoprotein, PDRC2, Rh glycoprotein kidney

Target/Specificity

Human RHCG.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-RHCG Antibody (aa209-218) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-RHCG Antibody (aa209-218) - Protein Information**Name** RHCG**Synonyms** C15orf6, CDRC2, PDRC2, RHGK**Function**

Ammonium transporter involved in the maintenance of acid-base homeostasis. Transports ammonium and its related derivative methylammonium across the plasma membrane of epithelial cells likely contributing to renal transepithelial ammonia transport and ammonia metabolism. Postulated to primarily mediate an electroneutral bidirectional transport of NH₃ ammonia species according to a mechanism that implies interaction of an NH₄(+) ion with acidic residues of the pore entry followed by dissociation of NH₄(+) into NH₃ and H(+). As a result NH₃ transits through the central pore and is protonated on the extracellular side reforming NH₄(+) (PubMed:11062476, PubMed:14761968, PubMed:15929723, PubMed:16477434, PubMed:16580862, PubMed:24077989). May act as a CO₂ channel providing for renal acid secretion (PubMed:24077989).

Cellular Location

Cell membrane; Multi-pass membrane protein. Apical cell membrane; Multi-pass membrane protein. Note=Also detected at the basolateral membrane and in subapical vesicles.

Tissue Location

Expressed in brain, testis, placenta, pancreas, esophagus and prostate. Expressed in squamous epithelial tissues (at protein level). Expressed in kidney.

Anti-RHCG Antibody (aa209-218) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-RHCG Antibody (aa209-218) - Images