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Anti-RHCG Antibody (aa209-218)

Goat Anti Human Polyclonal Antibody
Catalog # ALS17881

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9UBD6
Predicted	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	53179
Concentration (mg/ml)	0.5 mg/ml

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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.