
Product Name: RhCG Rabbit Polyclonal Antibody**Catalog #: APRab17105**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
Molecular Weight	53kDa

Antigen Information

Gene Name	RHCG RHCG; C15orf6; CDRC2; PDRC2; RHGK; Ammonium transporter Rh type C; Rh glycoprotein
Alternative Names	kidney; Rhesus blood group family type C glycoprotein; Rh family type C glycoprotein; Rh type C glycoprotein; Tumor-related protein DRC2
Gene ID	51458.0
SwissProt ID	Q9UBD6
Immunogen	Synthesized peptide derived from the Internal region of human RhCG.

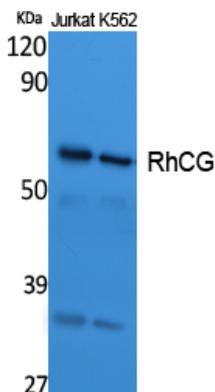
Background

developmental stage:Specifically expressed in fetal kidney.,function:Functions as an electroneutral and bidirectional ammonium transporter. May regulate transepithelial ammonia secretion.,PTM:N-glycosylated.,similarity:Belongs to the ammonium transporter (TC 2.A.49) family. Rh subfamily.,subcellular location:Also detected at the basolateral membrane and in subapical vesicles.,tissue specificity:Expressed in brain, testis, placenta, pancreas, esophagus and prostate. Expressed in squamous epithelial tissues (at protein level). Specifically expressed in kidney according to PubMed:11062476.,developmental stage:Specifically expressed in fetal kidney.,function:Functions as an electroneutral and bidirectional ammonium transporter. May regulate transepithelial ammonia secretion.,PTM:N-glycosylated.,similarity:Belongs to the ammonium transporter (TC 2.A.49) family. Rh subfamily.,subcellular location:Also detected at the basolateral membrane and in subapical vesicles.,tissue specificity:Expressed in brain, testis, placenta, pancreas, esophagus and prostate. Expressed in squamous epithelial tissues (at protein level). Specifically expressed in kidney according to PubMed:11062476.,

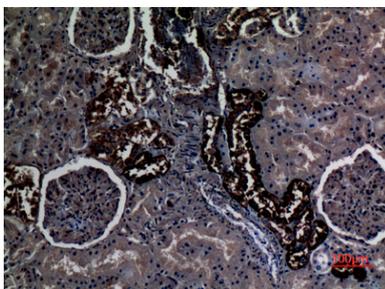
Research Area

Signal Transduction; Metabolism; Plasma Membrane; Channels; Cancer; Oncoproteins/suppressors; Oncoproteins; Cardiovascular; Blood; Blood Cell Antigens; RBC Antigens; Blood Group Antigens

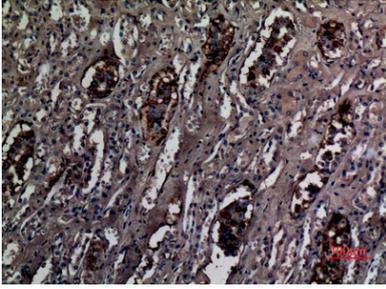
Image Data



Western Blot analysis of extracts from Jurkat, K562 cells, using RhCG Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:100