

## Immunotag™ RhCG Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT5088
Product Description	Immunotag™ RhCG Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	RhCG
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from the Internal region of human RhCG.
Specificity	RhCG Polyclonal Antibody detects endogenous levels of RhCG protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	RHCG
Accession No.	Q9UBD6 Q9QXP0
Alternate Names	RHCG; C15orf6; CDRC2; PDRC2; RHGK; Ammonium transporter Rh type C; Rh glycoprotein kidney; Rhesus blood group family type C glycoprotein; Rh family type C glycoprotein; Rh type C glycoprotein; Tumor-related protein DRC2

## Antibody Specification

Description	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.,
Protein Expression	Esophagus,Kidney,Kidney epithelium,Placenta,Tongue,
Subcellular Localization	plasma membrane,integral component of plasma membrane,integral component of membrane,basolateral plasma membrane,apical plasma membrane,cytoplasmic vesicle,extracellular exosome,
Protein Function	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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.