

## RhCG Polyclonal Antibody

|                              |   |
|------------------------------|---|
| <b>Catalog No :</b>          | YT5088  |
| <b>Reactivity :</b>          | Human;Rat;Mouse;  |
| <b>Applications :</b>        | WB;IHC;IF;ELISA   |
| <b>Target :</b>              | RhCG  |
| <b>Gene Name :</b>           | RHCG  |
| <b>Protein Name :</b>        | Ammonium transporter Rh type C  |
| <b>Human Gene Id :</b>       | 51458   |
| <b>Human Swiss Prot No :</b> | Q9UBD6  |
| <b>Mouse Swiss Prot No :</b> | Q9QXP0  |
| <b>Immunogen :</b>           | Synthesized peptide derived from the Internal region of human RhCG.   |
| <b>Specificity :</b>         | RhCG Polyclonal Antibody detects endogenous levels of RhCG protein.   |
| <b>Formulation :</b>         | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| <b>Source :</b>              | Polyclonal, Rabbit,IgG  |
| <b>Dilution :</b>            | WB 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:40000.. IF 1:50-200  |
| <b>Purification :</b>        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Concentration :</b>       | 1 mg/ml   |
| <b>Storage Stability :</b>   | -15°C to -25°C/1 year(Do not lower than -25°C)  |
| <b>Observed Band :</b>       | 53kD  |

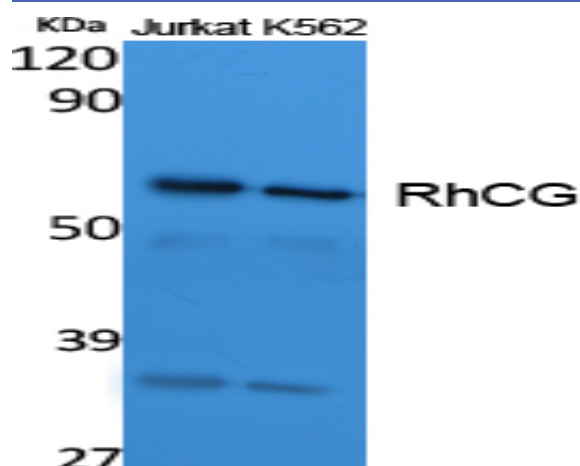
**Background :** developmental stage:Specifically expressed in fetal kidney.,function:Functions as an electroneutral and bidirectional ammonium transporter. May regulate transepithelial ammonia secretion.,PTM:N-glycosylated.,similarity:Belongs to the ammonium transporter (TC 2.A.49) family. Rh subfamily.,subcellular 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.,

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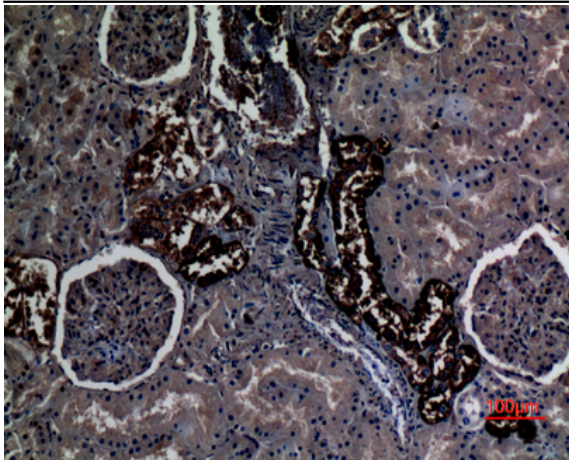
**Subcellular Location :** Apical cell membrane ; Multi-pass membrane protein . Also detected at the basolateral membrane and in subapical vesicles. .

**Expression :** Expressed in brain, testis, placenta, pancreas, esophagus and prostate. Expressed in squamous epithelial tissues (at protein level). According to PubMed:11062476, specifically expressed in kidney.

## Products Images



Western Blot analysis of extracts from Jurkat, K562 cells, using RhCG Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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