

## RHCG polyclonal antibody

Catalog: BS62527

Host: Rabbit

Reactivity: Human, Mouse

### BackGround:

RhCG (Rhesus blood group family type C glycoprotein), also known as RHGK (Rh glycoprotein kidney), PDRC2 (tumor-related protein DRC2) or SLC42A3, is a multi-pass membrane protein with three potential N-glycosylation sites that belongs to the Rh subfamily of the ammonium transporter family. Expressed in a wide variety of tissues with predominant expression in adult and fetal kidney, RhCG localizes to the apical and/or basolateral cell membrane (depending on the species) and is believed to function as a non-erythroid, bidirectional, electroneutral ammonium transporter. Specifically, RhCG is found throughout the kidney in sites such as the CNT (connecting segment), the DCT (distal convoluted tubule), the collecting duct and the ICT (initial collecting tubule), that are major contributors to renal ammonia secretion. This suggests that RhCG plays an important role in renal ammonia metabolism.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 53 kDa

### Swiss-Prot:

Q9UBD6

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1:500~1:1000 IHC:1:50~1:200

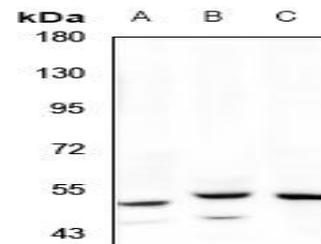
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

RHCG polyclonal antibody detects endogenous levels of RHCG protein.

### DATA:



Western blot (WB) analysis of RHCG polyclonal antibody at 1:500 dilution

LaneA:A549 whole cell lysate

LaneB:Panc1 whole cell lysate

LaneC:MEF whole cell lysate

### Note:

For research use only, not for use in diagnostic procedure.

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151