

RHBG Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3307a**Specification**

RHBG Antibody (internal region) - Product Information

Application	E
Primary Accession	O9H310
Other Accession	NP_065140.3 , 57127 , 58176 (mouse) , 310625 (rat)
Predicted Host	Human, Mouse, Rat, Rabbit, Pig, Dog
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	49481

RHBG Antibody (internal region) - Additional Information**Gene ID** 57127**Other Names**

Ammonium transporter Rh type B, Rhesus blood group family type B glycoprotein, Rh family type B glycoprotein, Rh type B glycoprotein, RHBG

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RHBG Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

RHBG Antibody (internal region) - Protein Information**Name** RHBG ([HGNC:14572](#))**Function**

Ammonium transporter involved in the maintenance of acid-base homeostasis. Transports ammonium and its related derivative methylammonium across the basolateral plasma membrane of epithelial cells likely contributing to renal transepithelial ammonia transport and ammonia

metabolism. May transport either $\text{NH}_4(+)$ or NH_3 ammonia species predominantly mediating an electrogenic $\text{NH}_4(+)$ transport (PubMed: [15284342](http://www.uniprot.org/citations/15284342), PubMed: [15929723](http://www.uniprot.org/citations/15929723), PubMed: [24077989](http://www.uniprot.org/citations/24077989)). May act as a CO_2 channel providing for renal acid secretion (PubMed: [24077989](http://www.uniprot.org/citations/24077989)).

Cellular Location

Cell membrane; Multi-pass membrane protein. Basolateral cell membrane; Multi-pass membrane protein

Tissue Location

Specifically expressed in kidney. Also detected in liver and ovary.

RHBG Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RHBG Antibody (internal region) - Images**RHBG Antibody (internal region) - References**

Expression of the gas-transporting proteins, Rh B glycoprotein and Rh C glycoprotein, in the murine lung. Han KH, Mekala K, Babida V, Kim HY, Handlogten ME, Verlander JW, Weiner ID, American journal of physiology. Lung cellular and molecular physiology 2009 Jul 297 (1): L153-63. PMID: 19429772