

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

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 NH₄(+) or NH₃ ammonia species predominantly mediating an electrogenic NH₄(+) transport (PubMed:15284342, PubMed:<a href="http://www.uniprot.org/citations/15929723"

target="_blank">15929723, PubMed:24077989). May act as a CO₂ channel providing for renal acid secretion (PubMed: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