

Rabbit anti-Human RHBG Polyclonal Antibody | anti-RHBG antibody

RHBG Antibody (C-term)

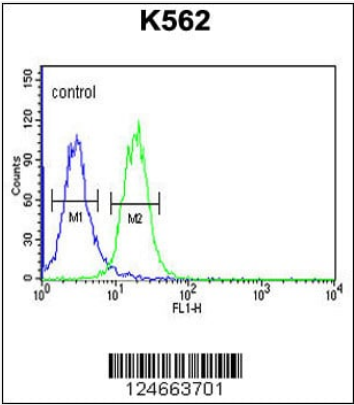
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289789	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

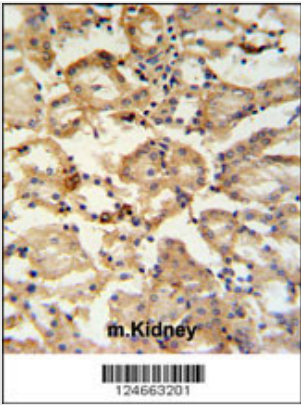
RHBG; Polyclonal Antibody; RHBG Antibody (C-term); Ammonium transporter Rh type B; Rhesus blood group family type B glycoprotein; Rh family type B glycoprotein; Rh type B glycoprotein; anti-RHBG antibody

PRODUCT SPECIFICATIONS

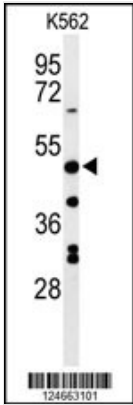
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RHBG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 423-450 amino acids from the C-terminal region of human RHBG.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	423-450
Sequence Length	389
Applicable Applications for anti-RHBG antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
RHBG Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
RHBG Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded mouse kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the RHBG Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of RHBG Antibody (C-term) in K562 cell line lysates (35ug/lane). RHBG (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-RHBG antibody	RHBG encodes one of two non-erythroid members of the Rhesus (Rh) protein family. Non-erythroid Rh protein family members are mainly expressed in the kidney and belong to the methylammonium-ammonium permease/ammonia transporters superfamily. All Rh family proteins are predicted to be transmembrane proteins with 12 membrane spanning domains and intracytoplasmic N- and C-termini.
Product Categories/Family for anti-RHBG antibody	Metabolism; Signal Transduction
References	Han, K.H., et al. Am. J. Physiol. Lung Cell Mol. Physiol. 297 (1), L153-L163 (2009) Brown, A.C., et al. Am. J. Physiol. Renal Physiol. 296 (6), F1279-F1290 (2009) Sohet, F., et al. J. Biol. Chem. 283(39):26557-26567(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	373938444
NCBI GeneID	57127
NCBI Accession #	NP_001243324.1; NP_001243325.1; NP_065140.3
NCBI GenBank Nucleotide #	NM_001256395.1
UniProt Accession #	Q9H310; Q5SZW4; Q5SZW6; Q5SZW7; Q6P193; Q6YJI2; Q6YJI3; A8K475

Molecular Weight	47231
NCBI Official Full Name	ammonium transporter Rh type B isoform b
NCBI Official Synonym Full Names	Rh family, B glycoprotein (gene/pseudogene)
NCBI Official Symbol	RHBG
NCBI Official Synonym Symbols	SLC42A2
NCBI Protein Information	ammonium transporter Rh type B
UniProt Protein Name	Ammonium transporter Rh type B
UniProt Gene Name	RHBG
UniProt Synonym Gene Names	Rh family type B glycoprotein; Rh type B glycoprotein
UniProt Entry Name	RHBG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/rhbg-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/289789>