

Datasheet for ABIN7602330
anti-RHBG antibody (AA 7-394)



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Overview

Quantity:	100 µg
Target:	RHBG
Binding Specificity:	AA 7-394
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RHBG antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA

Product Details

Purpose:	Anti-RHBG Antibody Picoband®
Immunogen:	E.coli-derived human RHBG recombinant protein (Position: R7-L394). Human RHBG shares 87.2% amino acid (aa) sequence identity with mouse and rat RHBG.
Characteristics:	Anti-RHBG Antibody Picoband® catalog # A05585-1. Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	RHBG
Abstract:	RHBG Products
Background:	Rh family, B glycoprotein, also known as RHBG, is an ammonia transporter protein which in humans is encoded by the RHBG gene. This gene 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. Alternative splicing of this gene results in multiple transcript variants.
Molecular Weight:	47 kDa
Gene ID:	57127
UniProt:	Q9H310

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1×10 ⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Khademi, S., O'Connell, J., III, Remis, J., Robles-Colmenares, Y., Miercke, L. J. W., Stroud, R. M. Mechanism of ammonia transport by Amt/MEP/Rh: Structure of AmtB at 1.35 Å. <i>Science</i> 305: 1587-1594, 2004. 2. Liu, Z., Peng, J., Mo, R., Hui, C., Huang, C.-H. Rh type B glycoprotein is a new member of the Rh superfamily and a putative ammonia transporter in mammals. <i>J. Biol. Chem.</i> 276: 1424-1433, 2001.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.

Handling

It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.