

Datasheet for ABIN2776948
anti-RHAG antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	RHAG
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RHAG antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RHAG
Sequence:	FGAVLGKTSP TQMLIMTILE IVFFAHNEYL VSEIFKASDI GASMTIHAFG
Predicted Reactivity:	Dog: 79%, Guinea Pig: 79%, Horse: 86%, Human: 100%, Mouse: 77%, Rabbit: 93%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against RHAG. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	RHAG
Alternative Name:	RHAG (RHAG Products)

Target Details

Background:	<p>The Rh blood group antigens are associated with human erythrocyte membrane proteins of approximately 30 kD, the so-called Rh30 polypeptides. Heterogeneously glycosylated membrane proteins of 50 and 45 kD, the Rh50 glycoproteins, are coprecipitated with the Rh30 polypeptides on immunoprecipitation with anti-Rh-specific mono- and polyclonal antibodies. The Rh antigens appear to exist as a multisubunit complex of CD47, LW, glycophorin B, and play a critical role in the Rh50 glycoprotein. The Rh blood group antigens (MIM 111700) are associated with human erythrocyte membrane proteins of approximately 30 kD, the so-called Rh30 polypeptides. Heterogeneously glycosylated membrane proteins of 50 and 45 kD, the Rh50 glycoproteins, are coprecipitated with the Rh30 polypeptides on immunoprecipitation with anti-Rh-specific mono- and polyclonal antibodies. The Rh antigens appear to exist as a multisubunit complex of CD47 (MIM 601028), LW (MIM 111250), glycophorin B (MIM 111740), and play a critical role in the Rh50 glycoprotein.[supplied by OMIM].</p> <p>Alias Symbols: RH2, RH50A, Rh50, Rh50 GP, CD241, Rh50GP, SLC42A1</p> <p>Protein Interaction Partner: CD47, ANK1, GYPB, ICAM4, SLC4A1,</p> <p>Protein Size: 409</p>
-------------	---

Molecular Weight:	45 kDa
-------------------	--------

Gene ID:	6005
----------	------

NCBI Accession:	NM_000324 , NP_000315
-----------------	---

UniProt:	Q02094
----------	------------------------

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
--------------------	--

Comment:	Antigen size: 409 AA
----------	----------------------

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
---------	--------

Concentration:	Lot specific
----------------	--------------

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
---------	---

Preservative:	Sodium azide
---------------	--------------

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-RHAG Antibody Titration:
1.25ug/ml Positive Control: HepG2 cell lysate