

Datasheet for ABIN2786819  
**anti-RHEB antibody (Middle Region)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µL
Target:	RHEB
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Goat, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RHEB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RHEB
Sequence:	VGKVQIPIML VGNKKDLHME RVISYEEGKA LAESWNAAFL ESSAKENQTA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against RHEB. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	RHEB
---------	------

## Target Details

Alternative Name:	RHEB ( <a href="#">RHEB Products</a> )
Background:	<p>This gene is a member of the small GTPase superfamily and encodes a lipid-anchored, cell membrane protein with five repeats of the RAS-related GTP-binding region. This protein is vital in regulation of growth and cell cycle progression due to its role in</p> <p>Alias Symbols: MGC111559, RHEB2</p> <p>Protein Interaction Partner: MTOR, RPS6KB1, PLD1, RPTOR, FKBP8, Appl1, Blzf1, Traf2, ARIH2, UBC, NCAM1, RABAC1, BNIP3L, BNIP3, ECSIT, PSEN2, PSEN1, APOE, A2M, ATR, ATM, PDE6D, TSC2, RAF1, BRAF, RAB9A, RAB7A, TSC1, RAP1A, HRAS, MLST8, BCL2,</p> <p>Protein Size: 184</p>
Molecular Weight:	20 kDa
Gene ID:	6009
NCBI Accession:	<a href="#">NM_005614</a> , <a href="#">NP_005605</a>
UniProt:	<a href="#">Q15382</a>
Pathways:	<a href="#">RTK Signaling</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 184 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
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

Handling

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-RHEB Antibody Titration:**

0.2-1 ug/ml

**ELISA Titer:** 1:312500

**Positive Control:** Human Muscle