

Datasheet for ABIN2786147

anti-RGS22 antibody (N-Term)**1** Image**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	RGS22
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Cow, Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS22 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human RGS22
Sequence:	QTVSTFSLPC CVPYNKCLKSP AISSVSENF I FDDGVHPRTK KDPSKTNKLI
Predicted Reactivity:	Cow: 100%, Horse: 93%, Human: 100%, Pig: 79%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against RGS22. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	RGS22
Alternative Name:	RGS22 (RGS22 Products)

Target Details

Background:	RGS22 inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Alias Symbols: DKFZp434I092, FLJ40080, FLJ75004, MGC102908, PRTD-NY2 Protein Size: 1264
Molecular Weight:	147 kDa
Gene ID:	26166
NCBI Accession:	NM_015668 , NP_056483
UniProt:	Q8NE09
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1264 AA
Restrictions:	For Research Use only

Handling

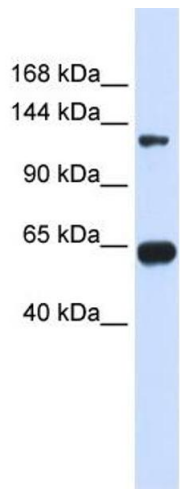
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
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.

Publications

Product cited in:	Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of
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hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in:
Diagnostic microbiology and infectious disease, Vol. 55, Issue 1, pp. 55-8, (2006) ([PubMed](#)).

Validation report #101829 for Western Blotting (WB)



Western Blotting

Image 1. WB Suggested Anti-RGS22 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Transfected 293T