

Datasheet for ABIN2784651

anti-GCOM1 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	GCOM1
Binding Specificity:	Middle Region
Reactivity:	Mouse, Human, Rat, Dog, Horse, Rabbit, Cow, Guinea Pig, Saccharomyces cerevisiae, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCOM1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human Gcom1
Sequence:	VAQVENQLLK MKVESSQEAN AEVMREMTKK LYSQYEEKLQ EEQRKHSAEK
Predicted Reactivity:	Cow: 85%, Dog: 77%, Guinea Pig: 93%, Horse: 85%, Human: 100%, Mouse: 93%, Rabbit: 86%, Rat: 93%, Yeast: 100%, Zebrafish: 75%
Characteristics:	This is a rabbit polyclonal antibody against Gcom1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	GCOM1
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Target Details

Alternative Name:	Gcom1 (GCOM1 Products)
Background:	This gene (Gcom1) is part of a complex transcript unit that includes the gene for glutamate receptor, ionotropic, N-methyl D-aspartate-like 1A (GRINL1A). Transcription of this gene occurs at an upstream promoter, with two different groups of alternatively spliced variants: Gup for GRINL1A upstream transcripts and Gcom for GRINL1A combined transcripts. The GRINL1A gene uses a downstream promoter for transcription and also has multiple alternatively spliced variants. This gene (Gcom1) is part of a complex transcript unit that includes the gene for glutamate receptor, ionotropic, N-methyl D-aspartate-like 1A (GRINL1A). Transcription of this gene occurs at an upstream promoter, with two different groups of alternatively spliced variants: Gup for GRINL1A upstream transcripts and Gcom for GRINL1A combined transcripts. The GRINL1A gene uses a downstream promoter for transcription and also has multiple alternatively spliced variants. Alias Symbols: FLJ30973, GRINL1A, Gcom2, Gup1, Gup2, MGC126694, MGC138353, gcom, MYZAP-POLR2M Protein Size: 445
Molecular Weight:	52 kDa
Gene ID:	145781
NCBI Accession:	NM_001018091 , NP_001018101
UniProt:	P0CAP1

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 445 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-Gcom1 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: COLO205 cell lysate