

Datasheet for ABIN2786407  
**anti-GANAB antibody (Middle Region)**[Go to Product page](#)

## 2 Images

## Overview

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

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human GANAB
Sequence:	IIGAGKPAAV VLQTKGSPES RLSFQHDPET SVLVLRKPGI NVASDWSIHL
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 91%, Horse: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against GANAB. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	GANAB
Alternative Name:	GANAB ( <a href="#">GANAB Products</a> )

## Target Details

Background:	GANAB cleaves sequentially the 2 innermost alpha-1,3-linked glucose residues from the Glc2Man9GlcNAc2 oligosaccharide precursor of immature glycoproteins. Alias Symbols: G2AN, GLUII, KIAA0088 Protein Interaction Partner: UBC, HUWE1, MDM2, ASB7, ASB11, NARS, JUP, MSH6, GARS, XRCC6, DEK, CSDE1, XRCC5, SUPT5H, PTPN12, PRKCSH, PLOD2, PDE3A, IRF2BP2, TRIM47, TNS3, TRMT1, ARMCX3, CUTC, SAMHD1, SWAP70, HYOU1, FARSB, BUB1B, ATP6V1B2, ATP4A, CLN5, HDAC6, MAPK7, CREB3L4, METTL23, e Protein Size: 944
Molecular Weight:	107 kDa
Gene ID:	23193
NCBI Accession:	<a href="#">NM_198334</a> , <a href="#">NP_938148</a>
UniProt:	<a href="#">Q14697</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 944 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.



Western Blotting

**Image 1. WB Suggested Anti-GANAB Antibody Titration:**

0.2-1 ug/ml

**ELISA Titer:** 1:312500

**Positive Control:** 721\_B cell lysate

Western Blotting

**Image 2. WB Suggested Anti-GANAB**

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::12500

Positive Control: 21\_B cell lysate

GANAB is strongly supported by BioGPS gene expression data to be expressed in Human 721\_B cells