

Datasheet for ABIN6140952
anti-GANAB antibody (AA 1-260)



[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	GANAB
Binding Specificity:	AA 1-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GANAB antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human GANAB (NP_001265123.1).
Sequence:	MTRFRIDELE PRRPRYRVPD VLVADPPIAR LSVSGRDENS VELTMAEGPY KIILTARPFRLDILLEDRLSL LSVNARGLLE FEHQRAPRVS QGSKDPAEGD GAQPEETPRD GDKPEETQGKAEKDEPGAW ETFKTHSDSK PYGPM SVGLD FSLPGMEHVY GIPEHADNLR LKVTEGGEPLYLYNLDVFQY ELYNPMALYG SVPVLLAHNP HRDLGIFWLN AAETWVDISS NTAGKTLFGK MMDYLQGS GE TPQTDVRWMS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

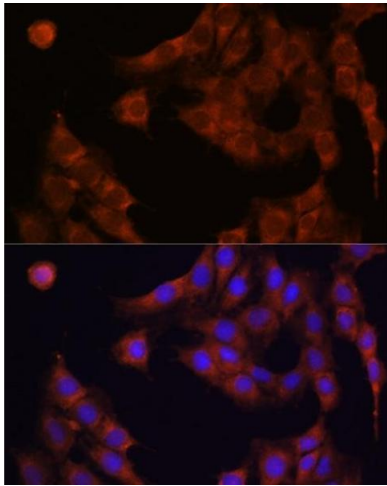
Target:	GANAB
Alternative Name:	GANAB (GANAB Products)
Background:	This gene encodes the alpha subunit of glucosidase II and a member of the glycosyl hydrolase 31 family of proteins. The heterodimeric enzyme glucosidase II plays a role in protein folding and quality control by cleaving glucose residues from immature glycoproteins in the endoplasmic reticulum. Expression of the encoded protein is elevated in lung tumor tissue and in response to UV irradiation. Mutations in this gene cause autosomal-dominant polycystic kidney and liver disease.,GANAB,G2AN,GIIA,GLUII,PKD3,Epigenetics & Nuclear Signaling,RNA Binding,Cancer,Signal Transduction,Endocrine & Metabolism,GANAB
Molecular Weight:	5 kDa/106 kDa/109 kDa
Gene ID:	23193
UniProt:	Q14697

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

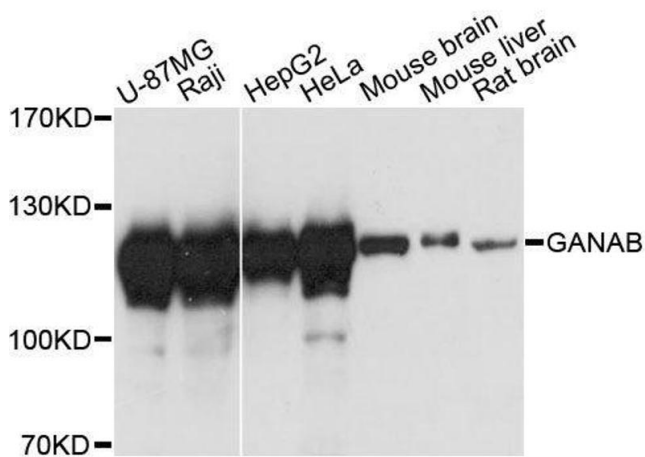
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



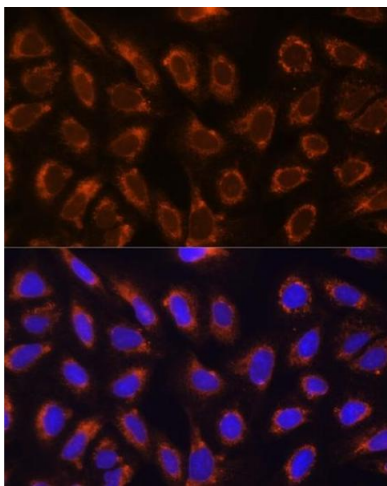
Immunofluorescence

Image 1. Immunofluorescence analysis of C6 cells using GANAB antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using GANAB antibody.



Immunofluorescence

Image 3. Immunofluorescence analysis of U-2 OS cells using GANAB antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6140952.