

Datasheet for ABIN2788767
anti-GBA antibody (C-Term)[Go to Product page](#)

3 Images

Overview

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

Product Details

Sequence:	EGSQRVGLVA SQKNDLDAVA LMHPDGSADV VVLNRSSKDV PLTIKDPVAVG
Predicted Reactivity:	Cow: 92%, Dog: 86%, Guinea Pig: 86%, Horse: 85%, Human: 100%, Mouse: 83%, Pig: 100%, Rabbit: 86%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against GBA. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GBA
Alternative Name:	GBA (GBA Products)
Background:	This gene encodes a lysosomal membrane protein that cleaves the beta-glucosidic linkage of

Target Details

glycosylceramide, an intermediate in glycolipid metabolism. Mutations in this gene cause Gaucher disease, a lysosomal storage disease characterized by an accumulation of glucocerebrosides. A related pseudogene is approximately 12 kb downstream of this gene on chromosome 1. Alternative splicing results in multiple transcript variants.

Alias Symbols: GBA1, GCB, GLUC

Protein Interaction Partner: NUDCD1, UBC, ITCH, ATP6V1B1, SNCA, FBXO6, TCP1, CBL, NEDD4, PARK2, HSP90AA1, HSPA4, PSAP,

Protein Size: 536

Molecular Weight: 59 kDa

Gene ID: 2629

NCBI Accession: [NM_000157](#), [NP_000148](#)

UniProt: [P04062](#)

Pathways: [Cellular Glucan Metabolic Process](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 536 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.

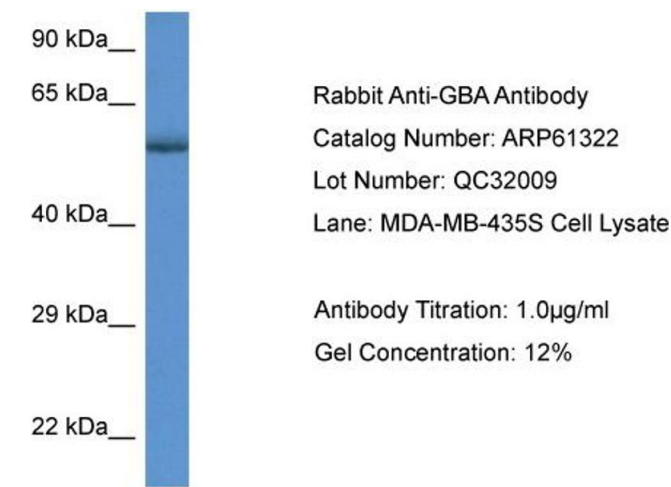
Handling Advice: Avoid repeated freeze-thaw cycles.

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

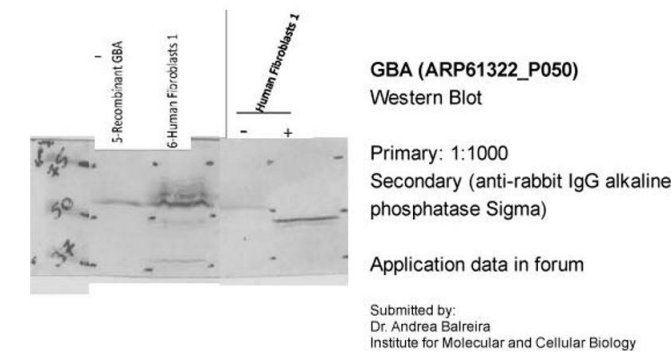
aliquots to prevent freeze-thaw cycles.

Images



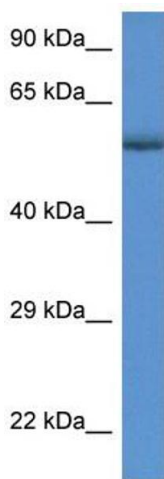
Western Blotting

Image 1.



Western Blotting

Image 2.



Western Blotting

Image 3. WB Suggested Anti-GBA

Antibody Titration: 1 µg/mL

Positive Control: MDA-MB-435S cell lysate

GBA is strongly supported by BioGPS gene expression data to be expressed in Human MDA-MB435 cells