

Datasheet for ABIN6140986
anti-GBA antibody (AA 40-250)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	GBA
Binding Specificity:	AA 40-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GBA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 40-250 of human Glucosylceramidase beta (Glucosylceramidase beta (GBA)) (NP_000148.2).
Sequence:	ARPCIPKSFG YSSVVCVNA TYCDSFDPPT FPALGTFSRY ESTRSGRRME LSMGPIQANH TGTGLLLTLQ PEQKFQKVKG FGGAMTDAAA LNILALSPA QNLLLSYFS EEGIGYNIIR VPMASCDFSI RTYTYADTPD DFQLHNFSLP EEDTKLKIPL IHRALQLAQR PVSLLASPWT SPTWLKTNGA VNGKGSLKGQ PGDIYHQTWA R
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

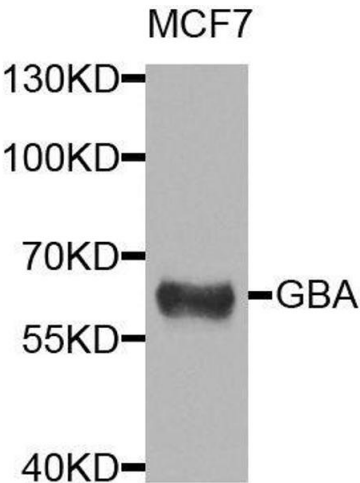
Target:	GBA
Alternative Name:	GBA (GBA Products)
Background:	This gene encodes a lysosomal membrane protein that cleaves the beta-glucosidic linkage of glycosylceramide, an intermediate in glycolipid metabolism. Mutations in this gene cause Gaucher disease, a lysosomal storage disease characterized by 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.,GBA,GBA1,GCB,GLUC,Cancer,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,Neuroscience,Cell Type Marker,Neurodegenerative Diseases,Dopamine Signaling in Parkinson's Disease,Oligodendrocyte marker,GBA
Molecular Weight:	29 kDa/50 kDa/54 kDa/57 kDa/59 kDa
Gene ID:	2629
UniProt:	P04062
Pathways:	Cellular Glucan Metabolic Process

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
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.



Western Blotting

Image 1. Western blot analysis of extracts of MCF-7 cells, using GBA antibody.