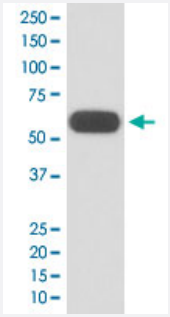
GBA monoclonal antibody, clone AACA-7

Catalog # MAB20079 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of U87-MG cell lysate with GBA monoclonal antibody, clone AACA-7 (Cat # MAB20079).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human GBA.
Immunogen	A synthetic peptide corresponding to human GBA.
Host	Rabbit
Theoretical MW (kDa)	59.716
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Immunohistochemistry

Gene Info — GBA

Entrez GeneID	2629
Protein Accession#	P04062
Gene Name	GBA
Gene Alias	GBA1, GCB, GLUC
Gene Description	glucosidase, beta; acid (includes glucosylceramidase)
Omim ID	230800 230900 231000 231005 606463 608013
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a lysosomal membrane protein that cleaves the beta-glucosidic linkage of gly cosylceramide, an intermediate in glycolipid metabolism. Mutations in this gene cause Gaucher d isease, a lysosomal storage disease characterized by an accumulation of glucocerebrosides. A r elated pseudogene is approximately 12 kb downstream of this gene on chromosome 1. Alternativ e splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq
Other Designations	D-glucosyl-N-acylsphingosine glucohydrolase|OTTHUMP00000033992|OTTHUMP00000033993 |glucocerebrosidase|glucocerebrosidase (alt.)|lysosomal glucocerebrosidase

Pathway

- Lysosome
- Metabolic pathways

- Other glycan degradation
- Sphingolipid metabolism

Disease

- Alzheimer disease
- Bone Diseases
- Cardiovascular Diseases
- Cognition Disorders
- Cystic fibrosis
- Deafness
- Dementia
- Diabetes Mellitus
- Disease Progression
- Edema
- Epilepsy
- Essential tremor
- Gaucher disease
- Genetic Diseases
- Genetic Predisposition to Disease
- Hypergammaglobulinemia
- Hypertension
- Lewy Body Disease
- Multiple Myeloma
- Multiple System Atrophy
- Neoplasms
- Nervous System Diseases

- Neuropsychological Tests
- Parkinson disease
- Parkinsonian Disorders
- Postmortem Changes
- Supranuclear Palsy