

Product Datasheet

Glucosylceramidase/GBA Antibody - BSA Free NBP1-32271

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP1-32271

Glucosylceramidase/GBA Antibody - BSA Free

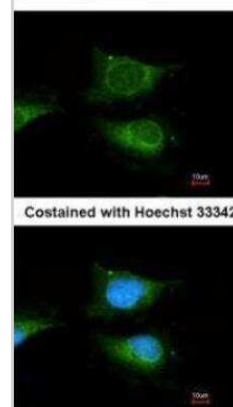
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, (20% Glycerol
Target Molecular Weight	60 kDa

Product Description	
Host	Rabbit
Gene ID	2629
Gene Symbol	GBA1
Species	Human
Reactivity Notes	Zebrafish reactivity reported in scientific literature (PMID: 25326392). Mouse reactivity reported in scientific literature (PMID: 30927072).
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human Glucosylceramidase/GBA. The exact sequence is proprietary.

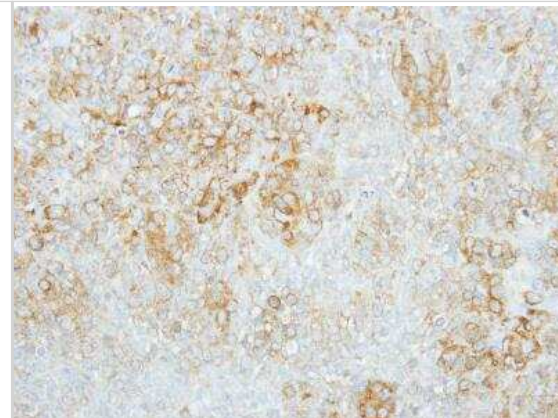
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

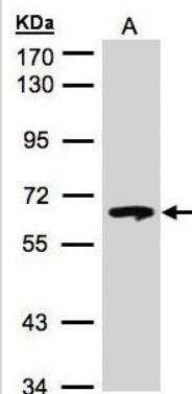
Immunocytochemistry/Immunofluorescence: Glucosylceramidase/GBA Antibody [NBP1-32271] - Analysis of methanol-fixed HeLa, using GBA antibody at 1:100 dilution.



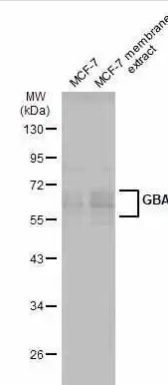
Immunohistochemistry-Paraffin: Glucosylceramidase/GBA Antibody [NBP1-32271] - Lung cancer, using GBA antibody at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



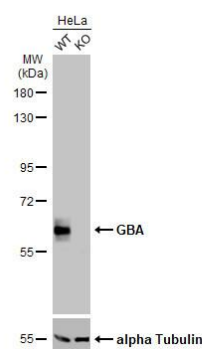
Western Blot: Glucosylceramidase/GBA Antibody [NBP1-32271] - Sample(30 ug of whole cell lysate) A:Hep G2 7.5% SDS PAGE diluted at 1:500



Western Blot: Glucosylceramidase/GBA Antibody [NBP1-32271] - MCF-7 whole cell and membrane extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Glucosylceramidase/GBA antibody [C1C3] (NBP1-32271) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Western Blot: Glucosylceramidase/GBA Antibody [NBP1-32271] - Wild-type (WT) and GBA knockout (KO) HeLa cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with GBA antibody [C1C3] diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Bieri G, Brahic M, Bousset L et al. LRRK2 modifies alpha-syn pathology and spread in mouse models and human neurons bioRxiv 2019-03-29 [PMID: 30927072] (WB, Mouse)

Zancan I, Bellesso S, Costa R et al. Glucocerebrosidase deficiency in zebrafish affects primary bone ossification through increased oxidative stress and reduced Wnt/B-catenin signaling. Hum. Mol. Genet. 2014-10-17 [PMID: 25326392] (ICC/IF, WB, Zebrafish, Human)





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Products Related to NBP1-32271

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-52148-0.05mg	Recombinant Human Glucosylceramidase/GBA His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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