

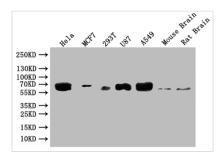




GBA Recombinant Monoclonal Antibody

Storage Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. Uniprot No. P04062 Immunogen A synthesized peptide derived from human GBA Species Reactivity Human, Rat, Mouse Tested Applications ELISA, WB; Recommended dilution: WB:1:500-1:2000 Relevance extracellular exosome, lysosomal lumen, lysosomal membrane, glucosylceramidase activity, receptor binding, cellular response to tumor necrosis factor, ceramide biosynthetic process, glucosylceramide catabolic process, glycosylceramide catabolic process, glycosylceramide catabolic process, negative regulation of inflammatory response Form Liquid Conjugate Non-conjugated Storage Buffer Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification Method Affinity-chromatography Isotype Rabbit IgG Clonality Monoclonal Product Type Recombinant Antibody Immunogen Species Homo sapiens (Human) Research Area Neuroscience; Cancer; Metabolism; Signal transduction Gene Names GBA Clone No. 4H4	Product Code	CSB-RA869334A0HU
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Image



Western Blot

Positive WB detected in: Hela whole cell lysate, MCF-7 whole cell lysate, 293T whole cell lysate,

U87 whole cell lysate

All lanes: GBA antibody at 1:2000

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 60, 58, 55, 51, 30 kDa

Observed band size: 60 kDa

Description

GBA encodes the glucocerebrosidase (GCase), a lysosomal glycoside hydrolase that catalyzes the hydrolysis of the glycolipid glucosylceramide (GlcCer) to glucose and ceramide. It is involved in the metabolism of sphingolipids. GBA deficiency results in the buildup of GlcCer and disruption of



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lipid balance. Gaucher's disease has been linked to human GBA gene mutations, which are numerically the most important risk factor for developing Parkinson's disease (PD), accounting for at least 5% of all PD cases. Furthermore, sporadic PD brains show a decrease in GBA activity.

The recombinant GBA antibody was generated in vitro through inserting cloned GBA genes into expression vectors. The expression vector was then inserted into a mammalian cell to express this GBA antibody. It has been validated in ELISA, WB. Every step in the production was controlled strictly. You have no worries about the quality.