

bs-13297R**[Primary Antibody]****GBA2 Rabbit pAb**

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: Mouse (predicted: Rat, Pig, Sheep, Cow, Chicken, Dog) Predicted MW.: 105 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 57704	SWISS: Q9HCG7	
Target: GBA2		
Immunogen: KLH conjugated synthetic peptide derived from human GBA2: 601-700/927. < Extracellular >		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Beta-glucosidase 2, also known as non-lysosomal glucosylceramidase (NLGase), Glucosylceramidase 2, GBA2 or AD035, is a 927 amino acid non-lysosomal glucosylceramidase that catalyzes glucosylceramide into ceramide and free glucose, and is suggested to play a role in carbohydrate transport and metabolism. A single-pass membrane protein, Beta-glucosidase 2 exists as three alternatively spliced isoforms that are widely expressed but found at highest levels in placenta, kidney, brain, skeletal muscle, kidney and heart, with low levels found in liver. Beta-glucosidase 2 activity has been linked to sphingomyelin generation and prevention of glycolipid accumulation. The gene encoding Beta-glucosidase 2 maps to human chromosome 9, which houses over 900 genes and comprises nearly 4% of the human genome.		