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Datasheet for ABIN5003249

anti-GBA2 antibody (AA 601-700) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	GBA2
Binding Specificity:	AA 601-700
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GBA2 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GBA2
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	GBA2
Alternative Name:	GBA2 (GBA2 Products)

Target Details

Background:	Synonyms: AD035, SPG46, NLGase, Non-lysosomal glucosylceramidase, Beta-glucocerebrosidase 2, Beta-glucosidase 2, Glucosylceramidase 2, GBA2, KIAA1605 Background: Non-lysosomal glucosylceramidase that catalyzes the conversion of glucosylceramide (GlcCer) to free glucose and ceramide. Involved in sphingomyelin generation and prevention of glycolipid accumulation. May also catalyze the hydrolysis of bile acid 3-O-glucosides, however, the relevance of such activity is unclear in vivo. Plays a role in central nervous system development. Required for proper formation of motor neuron axons.
Gene ID:	57704
UniProt:	Q9HCG7

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months