ANTIBODIES ONLINE

Datasheet for ABIN5514399

anti-Glucosylceramidase antibody (N-Term)

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Overview

Quantity:	100 µL
Target:	Glucosylceramidase (GLCM)
Binding Specificity:	N-Term
Reactivity:	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glucosylceramidase antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human GLCM
Sequence:	FSSPSREECP KPLSRVSIMA GSLTGLLLLQ AVSWASGARP CIPKSFGYSS
Predicted Reactivity:	Cow: 75%, Dog: 75%, Guinea Pig: 75%, Horse: 75%, Human: 100%, Mouse: 75%, Pig: 79%, Rabbit: 75%, Rat: 75%
Characteristics:	This is a rabbit polyclonal antibody against GLCM. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	Glucosylceramidase (GLCM)
Alternative Name:	GLCM (GLCM Products)

Target Details

Background:	This gene encodes a lysosomal membrane protein that cleaves the beta-glucosidic linkage of glycosylceramide, an intermediate in glycolipid metabolism. Mutations in this gene cause Gaucher disease, a lysosomal storage disease characterized by an accumulation of glucocerebrosides. A related pseudogene is approximately 12 kb downstream of this gene on chromosome 1. Alternative splicing results in multiple transcript variants. Alias Symbols: GBA, GC, GLUC, Protein Interaction Partner: NUDCD1, UBC, ITCH, ATP6V1B1, SNCA, FBXO6, TCP1, CBL, NEDD4, PARK2, HSP90AA1, HSPA4, PSAP, Protein Size: 536
Gene ID:	2629
NCBI Accession:	XP_006711333
UniProt:	P04062

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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