CD Creative Diagnostics®

Anti-GAN monoclonal antibody (DCABH-11675)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the cytoskeletal BTB/kelch (Broad-Complex, Tramtrack and Bric a brac) repeat family. The encoded protein plays a role in neurofilament architecture and is involved in mediating the ubiquitination and degradation of some proteins. Defects in this gene are a cause of giant axonal neuropathy (GAN).
Immunogen	A synthetic peptide of human GAN is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	GAN gigaxonin [Homo sapiens]

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Official Symbol	GAN
Synonyms	GAN; gigaxonin; giant axonal neuropathy (gigaxonin); GAN1; KLHL16; kelch-like protein 16; FLJ38059;
Entrez Gene ID	8139
Protein Refseq	NP_071324
UniProt ID	B3KTC3
Chromosome Location	16q24.1
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem;
Function	molecular_function; protein binding;