

CLEC16A (aa1040-53) Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2927a

Specification

CLEC16A (aa1040-53) Antibody (C-Term) - Product Information

Application	WB
Primary Accession	Q2KHT3
Other Accession	NP_056041.1 , 23274
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	117715

CLEC16A (aa1040-53) Antibody (C-Term) - Additional Information

Gene ID 23274

Other Names

Protein CLEC16A, C-type lectin domain family 16 member A {ECO:0000312|HGNC:HGNC:29013}, CLEC16A (HGNC:29013), KIAA0350

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CLEC16A (aa1040-53) Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

CLEC16A (aa1040-53) Antibody (C-Term) - Protein Information

Name CLEC16A ([HGNC:29013](#))

Synonyms KIAA0350

Function

Regulator of mitophagy through the upstream regulation of the RNF41/NRDP1-PRKN pathway. Mitophagy is a selective form of autophagy necessary for mitochondrial quality control. The RNF41/NRDP1-PRKN pathway regulates autophagosome-lysosome fusion during late mitophagy. May protect RNF41/NRDP1 from proteasomal degradation, RNF41/NRDP1 which regulates

proteasomal degradation of PRKN. Plays a key role in beta cells functions by regulating mitophagy/autophagy and mitochondrial health.

Cellular Location

Endosome membrane {ECO:0000250|UniProtKB:Q80U30}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q80U30}. Lysosome membrane {ECO:0000250|UniProtKB:Q80U30}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q80U30}. Note=Associates with the endolysosome membrane. {ECO:0000250|UniProtKB:Q80U30}

Tissue Location

Almost exclusively expressed in immune cells, including dendritic cells, B-lymphocytes and natural killer cells

CLEC16A (aa1040-53) Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CLEC16A (aa1040-53) Antibody (C-Term) - Images



AF2927a (2 µg/ml) staining of Human Liver lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

CLEC16A (aa1040-53) Antibody (C-Term) - References

Polymorphisms in CLEC16A and CIITA at 16p13 are associated with primary adrenal insufficiency. Skinningsrud B, Husebye ES, Pearce SH, McDonald DO, Brandal K, Wolff AB, Løvås K, Egeland T, Undlien DE. The Journal of clinical endocrinology and metabolism 2008 Sep 93 (9): 3310-7. PMID: 18593762