10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CLEC16A Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP6983c

Specification

CLEC16A Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q2KHT3
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**365-391**

CLEC16A Antibody (Center) - 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

Target/Specificity
This CLEC16A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 365-391 amino acids from the Central region of human CLEC16A.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

Precautions
CLEC16A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

CLEC16A Antibody (Center) - 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}

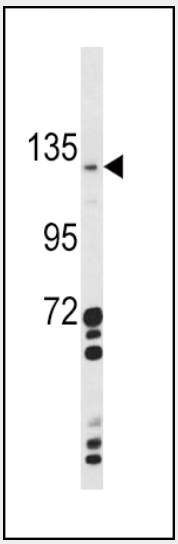
Tissue Location
Almost exclusively expressed in immune cells, including dendritic cells, B-lymphocytes and natural killer cells

CLEC16A Antibody (Center) - Protocols

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

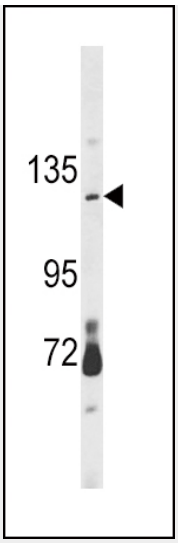
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CLEC16A Antibody (Center) - Images



Western blot analysis of CLEC16A Antibody (Center) (Cat. #AP6983c) in A2058 cell line lysates (35ug/lane).CLEC16A (arrow) was detected using the purified Pab.

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Western blot analysis of CLEC16A Antibody (Center) (Cat. #AP6983c) in mouse brain tissue lysates (35ug/lane).CLEC16A (arrow) was detected using the purified Pab.

CLEC16A Antibody (Center) - Background

CLEC16A is almost exclusively expressed in immune cells, including dendritic cells, B lymphocytes and natural killer cells. There are three isoforms.

CLEC16A Antibody (Center) - References

Hafler,D.A., et.al., N. Engl. J. Med. 357 (9), 851-862 (2007)

CLEC16A Antibody (Center) - Citations

- Association of CLEC16A with human common variable immunodeficiency disorder and role in murine B cells.