

Product datasheet

Anti-Syntaxin 16 antibody - Drosophila Golgi/Trans-Golgi Marker ab32340

4 References 1 Image

Overview

Product name	Anti-Syntaxin 16 antibody - Drosophila Golgi/Trans-Golgi Marker
Description	Rabbit polyclonal to Syntaxin 16 - Drosophila Golgi/Trans-Golgi Marker
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: ICC/IF
Species reactivity	Reacts with: Drosophila melanogaster
Immunogen	Synthetic peptide corresponding to Drosophila melanogaster Syntaxin 16 aa 200-300 conjugated to keyhole limpet haemocyanin. (Peptide available as ab32339)

General notes

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
	Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab32340** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

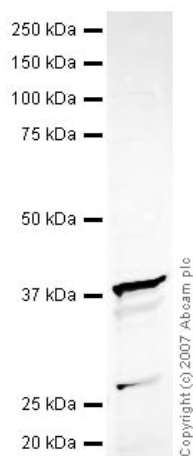
Application	Abreviews	Notes
WB		Use a concentration of 2.5 µg/ml. Detects a band of approximately 40 kDa (predicted molecular weight: 40 kDa).

Application notes Is unsuitable for ICC/IF.

Target

Function	SNARE involved in vesicular transport from the late endosomes to the trans-Golgi network.
Tissue specificity	Ubiquitous.
Involvement in disease	Genetic variations in STX16 may be a cause of pseudohypoparathyroidism type 1B (PHP1B) [MIM:603233]. Pseudohypoparathyroidism refers to a heterogeneous group of disorders characterized by resistance to parathyroid hormone (PTH). PHP1B is characterized by PTH-resistant hypocalcemia and hyperphosphatemia. Patients affected with PHP1B lack developmental defects characteristic of Albright hereditary osteodystrophy, and typically show no other endocrine abnormalities besides resistance to PTH. In some cases microdeletions involving STX16 appear to cause loss of methylation at exon A/B of the GNAS gene, resulting in PHP1B.
Sequence similarities	Belongs to the syntaxin family. Contains 1 t-SNARE coiled-coil homology domain.
Cellular localization	Cytoplasm and Golgi apparatus membrane.

Images



Western blot - Anti-Syntaxin 16 antibody -
Drosophila Golgi/Trans-Golgi Marker (ab32340)

Anti-Syntaxin 16 antibody - Drosophila Golgi/Trans-Golgi Marker (ab32340) at 1 µg/ml + Schneider L2 whole cell lysate (ab14893) at 20 µg

Secondary

IRDye 680 Conjugated Goat Anti-Rabbit IgG (H+L) at 1/15000 dilution

Performed under reducing conditions.

Predicted band size: 40 kDa

Observed band size: 40 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
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- We investigate all quality concerns to ensure our products perform to the highest standards

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