

Resource Summary Report

Generated by [RRID](#) on Aug 14, 2026

TGN46 antibody

RRID:AB_2203289

Type: Antibody

Proper Citation

Abcam Cat# ab50595, RRID:AB_2203289

Antibody Information

URL: http://antibodyregistry.org/AB_2203289

Proper Citation: Abcam Cat# ab50595, RRID:AB_2203289

Target Antigen: Human TGN46

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunofluorescence; Immunoprecipitation; Western Blot; Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Western Blot

Antibody Name: TGN46 antibody

Description: This polyclonal targets Human TGN46

Target Organism: human

Antibody ID: AB_2203289

Vendor: Abcam

Catalog Number: ab50595

Record Creation Time: 20250820T013741+0000

Record Last Update: 20250820T112605+0000

Ratings and Alerts

No rating or validation information has been found for TGN46 antibody.

No alerts have been found for TGN46 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Tie HC, et al. (2025) Quantitative intra-Golgi transport and organization data suggest the stable compartment nature of the Golgi. *eLife*, 13.

Brito S, et al. (2025) Age-associated interplay between zinc deficiency and Golgi stress hinders microtubule-dependent cellular signaling and epigenetic control. *Developmental cell*, 60(9), 1304.

De Tito S, et al. (2025) ATG9A and ARFIP2 cooperate to control PI4P levels for lysosomal repair. *Developmental cell*.

Ugur B, et al. (2024) VPS13B is localized at the interface between Golgi cisternae and is a functional partner of FAM177A1. *The Journal of cell biology*, 223(12).

Ugur B, et al. (2023) VPS13B is localized at the cis-trans Golgi complex interface and is a functional partner of FAM177A1. *bioRxiv : the preprint server for biology*.

Guo Z, et al. (2022) Activity-dependent PI4P synthesis by PI4KIII? regulates long-term synaptic potentiation. *Cell reports*, 38(9), 110452.

Guo Z, et al. (2022) Immunofluorescence staining of phosphoinositides in primary mouse hippocampal neurons in dissociated culture. *STAR protocols*, 3(3), 101549.

Andreeva L, et al. (2021) NLRP3 cages revealed by full-length mouse NLRP3 structure control pathway activation. *Cell*, 184(26), 6299.

Zhang Y, et al. (2020) MARCH8 inhibits viral infection by two different mechanisms. *eLife*, 9.

Ghosh S, et al. (2020) ?-Coronaviruses Use Lysosomes for Egress Instead of the Biosynthetic Secretory Pathway. *Cell*, 183(6), 1520.

Xie J, et al. (2020) TBC1D5-Catalyzed Cycling of Rab7 Is Required for Retromer-Mediated Human Papillomavirus Trafficking during Virus Entry. *Cell reports*, 31(10), 107750.

Dabelsteen S, et al. (2020) Essential Functions of Glycans in Human Epithelia Dissected by a CRISPR-Cas9-Engineered Human Organotypic Skin Model. *Developmental cell*, 54(5), 669.

Cooper-Knock J, et al. (2019) Mutations in the Glycosyltransferase Domain of GLT8D1 Are Associated with Familial Amyotrophic Lateral Sclerosis. *Cell reports*, 26(9), 2298.

Zhang P, et al. (2018) Cell-Penetrating Peptide Mediates Intracellular Membrane Passage of Human Papillomavirus L2 Protein to Trigger Retrograde Trafficking. *Cell*, 174(6), 1465.

Ledvina HE, et al. (2018) A Phosphatidylinositol 3-Kinase Effector Alters Phagosomal Maturation to Promote Intracellular Growth of *Francisella*. *Cell host & microbe*, 24(2), 285.

Ho AK, et al. (2016) The topology, structure and PE interaction of LITAF underpin a Charcot-Marie-Tooth disease type 1C. *BMC biology*, 14(1), 109.