

Resource Summary Report

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SHEEP ANTI HUMAN TGN46

RRID:AB_323104

Type: Antibody

Proper Citation

(Bio-Rad Cat# AHP500G, RRID:AB_323104)

Antibody Information

URL: http://antibodyregistry.org/AB_323104

Proper Citation: (Bio-Rad Cat# AHP500G, RRID:AB_323104)

Target Antigen: SHEEP ANTI HUMAN TGN46

Host Organism: sheep

Clonality: polyclonal

Comments: manufacturer recommendations: IgG; IgG Immunohistology - Frozen, Western Blotting, Immunofluorescence; Immunofluorescence; Immunohistochemistry - frozen; Western Blot; Immunohistochemistry

Antibody Name: SHEEP ANTI HUMAN TGN46

Description: This polyclonal targets SHEEP ANTI HUMAN TGN46

Target Organism: primate, human

Antibody ID: AB_323104

Vendor: Bio-Rad

Catalog Number: AHP500G

Record Creation Time: 20260218T230811+0000

Record Last Update: 20260225T232746+0000

Ratings and Alerts

No rating or validation information has been found for SHEEP ANTI HUMAN TGN46.

No alerts have been found for SHEEP ANTI HUMAN TGN46.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Pirozzi M, et al. (2025) Cargoes move from cis to trans-Golgi compartments and concentrate in the TGN before exiting. EMBO reports.

Szentgyörgyi V, et al. (2024) Arf1-dependent LRBA recruitment to Rab4 endosomes is required for endolysosome homeostasis. The Journal of cell biology, 223(11).

Wang J, et al. (2023) The clathrin adaptor complex-1 and Rab12 regulate post-golgi trafficking of WT epidermal growth factor receptor (EGFR). The Journal of biological chemistry, 299(3), 102979.

Ebner M, et al. (2023) Nutrient-regulated control of lysosome function by signaling lipid conversion. Cell, 186(24), 5328.

Luo J, et al. (2023) Nuclear translocation of cGAS orchestrates VEGF-A-mediated angiogenesis. Cell reports, 42(4), 112328.

Subra M, et al. (2023) VAP-A intrinsically disordered regions enable versatile tethering at membrane contact sites. Developmental cell, 58(2), 121.

Hertel A, et al. (2022) USP32-regulated LAMTOR1 ubiquitination impacts mTORC1 activation and autophagy induction. Cell reports, 41(10), 111653.

van Vliet AR, et al. (2022) ATG9A and ATG2A form a heteromeric complex essential for autophagosome formation. Molecular cell, 82(22), 4324.

Beilina A, et al. (2020) The Parkinson's Disease Protein LRRK2 Interacts with the GARP Complex to Promote Retrograde Transport to the trans-Golgi Network. Cell reports, 31(5), 107614.

Soh TK, et al. (2020) Temporal Proteomic Analysis of Herpes Simplex Virus 1 Infection Reveals Cell-Surface Remodeling via pUL56-Mediated GOPC Degradation. Cell reports, 33(1), 108235.

Cortese M, et al. (2020) Integrative Imaging Reveals SARS-CoV-2-Induced Reshaping of Subcellular Morphologies. Cell host & microbe, 28(6), 853.

Tang X, et al. (2020) Molecular mechanisms that regulate export of the planar cell-polarity protein Frizzled-6 out of the endoplasmic reticulum. The Journal of biological chemistry, 295(27), 8972.

Yang F, et al. (2020) The amphipathic helices of Arfrp1 and Arl14 are sufficient to determine subcellular localizations. *The Journal of biological chemistry*, 295(49), 16643.

Butt BG, et al. (2020) Insights into herpesvirus assembly from the structure of the pUL7:pUL51 complex. *eLife*, 9.

Braun E, et al. (2019) Guanylate-Binding Proteins 2 and 5 Exert Broad Antiviral Activity by Inhibiting Furin-Mediated Processing of Viral Envelope Proteins. *Cell reports*, 27(7), 2092.

Subramanian A, et al. (2019) Auto-regulation of Secretory Flux by Sensing and Responding to the Folded Cargo Protein Load in the Endoplasmic Reticulum. *Cell*, 176(6), 1461.

Colunga T, et al. (2019) Human Pluripotent Stem Cell-Derived Multipotent Vascular Progenitors of the Mesothelium Lineage Have Utility in Tissue Engineering and Repair. *Cell reports*, 26(10), 2566.

Gillingham AK, et al. (2019) In vivo identification of GTPase interactors by mitochondrial relocalization and proximity biotinylation. *eLife*, 8.

Huang Y, et al. (2019) Visualization of Protein Sorting at the Trans-Golgi Network and Endosomes Through Super-Resolution Imaging. *Frontiers in cell and developmental biology*, 7, 181.

Kanatsu K, et al. (2018) Retrograde transport of γ -secretase from endosomes to the trans-Golgi network regulates A β 42 production. *Journal of neurochemistry*, 147(1), 110.