

Product Datasheet

FYCO1 Antibody NBP1-47266

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Publications: 6

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NBP1-47266

FYCO1 Antibody

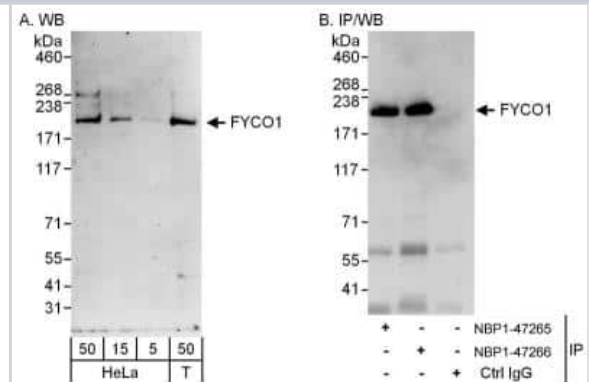
| Product Information | |
|---------------------|-----------------------------|
| Unit Size | 0.1 ml |
| Concentration | 0.2 mg/ml |
| Storage | Store at 4C. Do not freeze. |
| Clonality | Polyclonal |
| Preservative | 0.09% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | TBS and 0.1% BSA |

| Product Description | |
|---------------------|---|
| Description | Novus Biologicals Rabbit FYCO1 Antibody (NBP1-47266) is a polyclonal antibody validated for use in WB and IP. Anti-FYCO1 Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 79443 |
| Gene Symbol | FYCO1 |
| Species | Human, Mouse |
| Reactivity Notes | Mouse reactivity reported in scientific literature (PMID: 22619176). |
| Immunogen | The immunogen for this product maps to a region between residue 1428 and 1478 of human FYVE and Coiled-Coil Domain Containing 1 using the numbering given in entry NP_078789.2 (GeneID 79443). |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:2000-1:10000, Immunoprecipitation 5-15 ug/mg lysate |
| Application Notes | Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. |

Images

Western Blot: FYCO1 Antibody [NBP1-47266] - Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and 293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-FYCO1 antibody NBP1-47266 used for WB at 0.04 ug/ml (A) and 0.4 ug/ml (B) and used for IP at 10 ug/mg lysate. FYCO1 was also immunoprecipitated by rabbit anti-FYCO1 antibody NBP1-47265, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



Publications

Wenzel K, Krümer E, Geertz B et al. A Transgenic Mouse Model of Eccentric Left Ventricular Hypertrophy With Preserved Ejection Fraction Exhibits Alterations in the Autophagy-Lysosomal Pathway *Frontiers in Physiology* 2021-04-22 [PMID: 33995116] (Western Blot, Mouse)

Golpasandi H, Rahimi MR, Ahmadi S et al. Effects of Vitamin D3 Supplementation and Aerobic Training on Autophagy Signaling Proteins in a Rat Model Type 2 Diabetes Induced by High-Fat Diet and Streptozotocin *Nutrients* 2023-09-17 [PMID: 37764807] (Western Blot, Mouse)

Jongsma MLM, Bakker N, Voortman LM et al. Systems mapping of bidirectional endosomal transport through the crowded cell *Current Biology* 2024-10-07 [PMID: 39276769]

Tu H, Yang S, et al. Elevated pulmonary tuberculosis biomarker miR-423-5p plays critical role in the occurrence of active TB by inhibiting autophagosome-lysosome fusion. *Emerg Microbes Infect* 2019-03-23 [PMID: 30898038] (WB, Human)

Koscielny J, von Heymann C, Zeymer U et al. Dual Antiplatelet Therapy in the Perioperative Period - To Continue or Discontinue Treatment *Dtsch. Med. Wochenschr.* 2017-08-01 [PMID: 28810280] (Human)

Zhao T, Huang X, Han L et al. Central Role of Mitofusin 2 in Autophagosome-Lysosome Fusion in Cardiomyocytes *J Biol Chem* 2012-05-22 [PMID: 22619176] (WB, Mouse)





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Products Related to NBP1-47266

| | |
|-------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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