

Product Datasheet

FYCO1 Antibody NBP1-47266

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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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

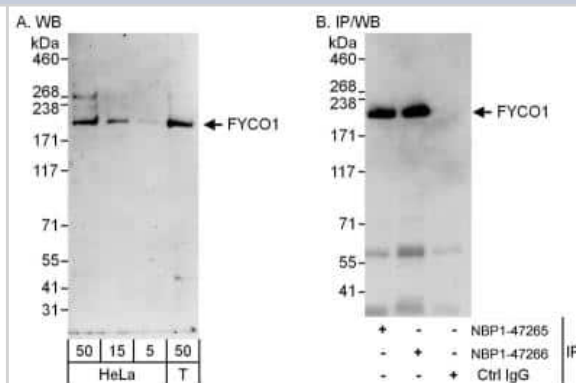
Host	Rabbit
Gene ID	79443
Gene Symbol	FYCO1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 22619176).
Immunogen	The immunogen for this product maps to a region between residue 1428 and 1478 of human FYVE and Coiled-Coil Domain Containing 1 using the numbering 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)

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]

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

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00079443-P01-10ug	Recombinant Human FYCO1 GST (N-Term) Protein

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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