Product Datasheet

MAGI3 Antibody NBP2-17210

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-17210

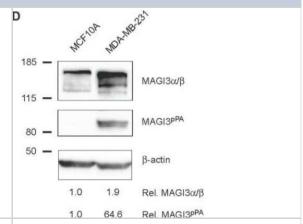
MAGI3 Antibody

Product Information	
0.1 ml	
Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.	
Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.	
Polyclonal	
0.025% Proclin 300	
IgG	
Antigen Affinity-purified	
PBS, 1% BSA, 20% Glycerol	
166 kDa	
Product Description	
Rabbit	
260425	
MAGI3	
Human	
Recombinant protein encompassing a sequence within the N-terminus region of human MAGI3. The exact sequence is proprietary.	
Product Application Details	
Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation	
Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence Reported in scientific literature (PMID: 27205883), Immunoprecipitation Reported in scientific literature (PMID: 27205883)	

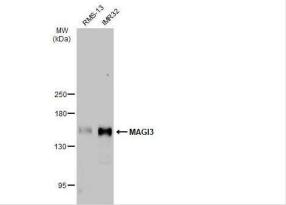


Images

Western Blot: MAGI3 Antibody [NBP2-17210] - Intronic pPA of MAGI3 occurs following the gene's large internal exon. Full length MAGI3 and truncated MAGI3pPA proteins are detected by immunoblotting. Immunoblot of beta-actin is included to show loading, approximate molecular mass markers are indicated in kDa, and the relative levels of full-length and pPA-truncated MAGI3 proteins were normalized to beta-actin levels. Image collected and cropped by CiteAb from the following publication (https://www.nature.com/articles/s41598-018-19916-8), licensed under a CC-BY license.

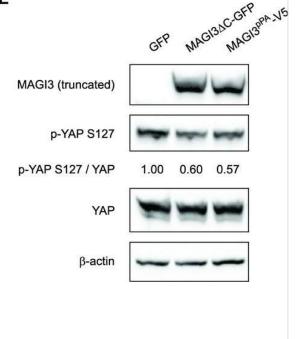


Western Blot: MAGI3 Antibody [NBP2-17210] -Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with MAGI3 antibody [N1N2], N-term diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



Western Blot: MAGI3 Antibody [NBP2-17210] - Expression of truncated MAGI3 leads to increased YAP activation & YAP-dependent transformation.(A-B) Immunofluorescence of serum-stimulated HEK293T cells showing YAP (red) localization. GFP positivity indicates full-length MAGI3-transfected cells. DAPI (blue) was used to visualize nuclei. (A) Field containing predominantly untransfected cells is shown. (B) Field containing MAGI3-transfected cells is shown. (C-D) Immunofluorescence of serum-deprived HEK293T cells showing YAP (red) localization. GFP indicates expression & localization of MAGI3ΔC-GFP. DAPI (blue) was used to visualize nuclei. (C) Field containing predominantly untransfected cells is shown. (D) Field containing MAGI3ΔC-GFPtransfected cells is shown. (E) Immunoblots of V5-tagged MAGI3pPA, MAGI3ΔC-GFP, Ser127-phosphorylated YAP, total YAP & β-actin levels in HEK293T cells transfected as indicated. The relative levels of Ser127phosphorylated YAP in the indicated lysates are normalized to total YAP levels. (F) Anchorage-independent growth assays for MCF10A-SV40 cells expressing MAGI3ΔC-GFP with or without shYAP1. Images show representative soft agar fields for the indicated cell lines after three weeks. Scale bar represents 100 µm. (G) Quantification of transformed colonies in the indicated cell lines (n = 3 biological replicates per cell line) after three weeks (upper panel). Immunoblots of YAP & β-actin levels in the cell lines (lower panels). Data are presented as mean \pm SEM. ***p<0.001 (two-tailed Student's t-

tests).DOI:http://dx.doi.org/10.7554/eLife.14730.010 Image collected & cropped by CiteAb from the following publication (https://pubmed.ncbi.nlm.nih.gov/27205883), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Elman JS, Ni TK, Mengwasser KE et al. Identification of FUBP1 as a Long Tail Cancer Driver and Widespread Regulator of Tumor Suppressor and Oncogene Alternative Splicing Cell Rep 2019-09-24 [PMID: 31553912] (WB, Human)

Ni TK, Elman JS, Jin DX et al. Premature polyadenylation of MAGI3 is associated with diminished N6-methyladenosine in its large internal exon Sci Rep 2018-01-23 [PMID: 29362392] (WB, Human)

Ni TK, Kuperwasser C. Premature polyadenylation of MAGI3 produces a dominantly-acting oncogene in human breast cancer. Elife. 2016-05-20 [PMID: 27205883] (ICC/IF, WB, IP, Human)





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Products Related to NBP2-17210

HAF008 Goat anti-Rabbit IgG Secondary Antibody [HRP]

NB7160 Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]

NBP2-24891 Rabbit IgG Isotype Control

NBP1-81266PEP MAGI3 Recombinant Protein Antigen

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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