

MAGI2 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Published Species	Mouse
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived recombinant human MAGI2 Ser2-Arg130
Form	Lyophilized
Concentration	0.2 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5% trehalose
Contains	No Preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2606999

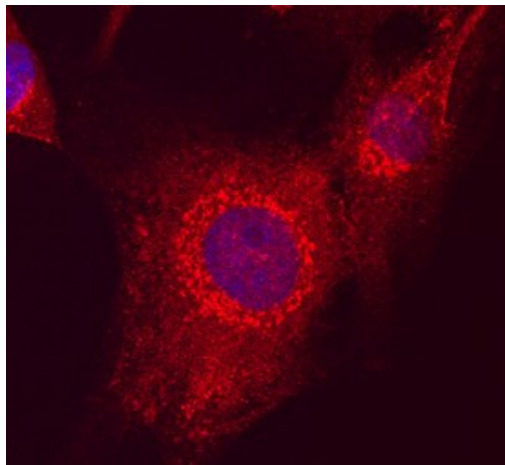
Applications	Tested Dilution	Publications
Western Blot (WB)	1 µg/mL	-
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	5-15 µg/mL	-
Immunocytochemistry (ICC/IF)	5-15 µg/mL	-

Product Specific Information

In direct ELISAs, less than 1% cross-reactivity with recombinant ARIP-2 is observed.

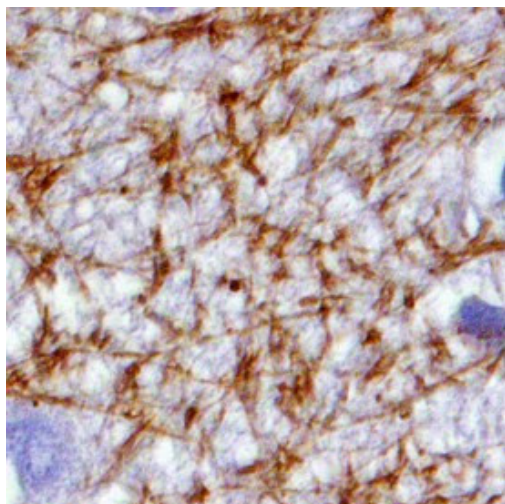
Reconstitute in sterile PBS to a final concentration of 0.2 mg/mL.

Product Images For MAGI2 Polyclonal Antibody



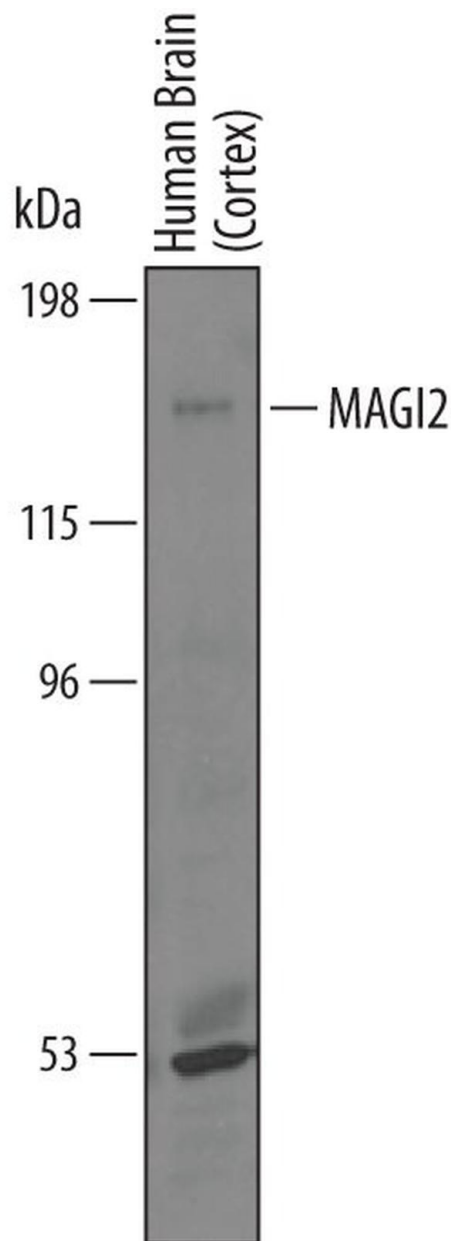
MAGI2 Antibody (PA5-47901) in ICC/IF

Immunocytochemistry analysis of MAGI2 in immersion fixed U87 MG human glioblastoma/astrocytoma cell line. Samples were incubated in MAGI2 polyclonal antibody (Product # PA5-47901) using a dilution of 10 µg/mL for 3 hours at room temperature followed by NorthernLights™ 557-conjugated Anti-Goat IgG Secondary Antibody (red) and counterstained with DAPI (blue). Specific staining was localized to cytoplasm.



MAGI2 Antibody (PA5-47901) in IHC (P)

Immunohistochemical analysis of MAGI2 in immersion fixed paraffin-embedded sections of human brain (hippocampus). Samples were incubated in MAGI2 polyclonal antibody (Product # PA5-47901) using a dilution of 15 µg/mL overnight at 4 °C. Tissue was stained using the Anti-Goat HRP-DAB Cell & Tissue Staining Kit (brown) and counterstained with hematoxylin (blue). Specific staining was localized to synaptic boutons and neuronal processes.



MAGI2 Antibody (PA5-47901) in WB

Western blot analysis of MAGI2 in human brain (cortex) tissue. Samples were incubated in MAGI2 polyclonal antibody (Product # PA5-47901) using a dilution of 1 µg/mL followed by a HRP-conjugated Anti-Goat IgG secondary antibody. A specific band was detected for MAGI2 at approximately 170 kDa (as indicated). This experiment was conducted under reducing conditions.

1 Reference

Immunohistochemistry (1)

Diabetes

Profile of Podocyte Translatome During Development of Type 2 and Type 1 Diabetic Nephropathy Using Podocyte-Specific TRAP mRNA RNA-seq.

"PA5-47901 was used in Immunohistochemistry to study the podocyte translatome in T2DN in podocin-Cre; Rosa26fsTRAP; eNOS^{-/-}; db/db mice and compared it with that of streptozotocin-induced T1DN in podocin-Cre; Rosa26fsTRAP; eNOS^{-/-} mice using translating ribosome affinity purification (TRAP) and RNA-seq."

Authors: Wang Y, Niu A, Pan Y, Cao S, Terker AS, Wang S, Fan X, Toth CL, Ramirez Solano MA, Michell DL, Contreras D, Allen RM, Zhu W, Sheng Q, Fogo AB, Vickers KC, Zhang MZ, Harris RC

Year
2021

Species
Mouse

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