

Rabbit AGRN Polyclonal Antibody | anti-AGRN antibody

AGRN Rabbit pAb

CATALOG # AAA281775	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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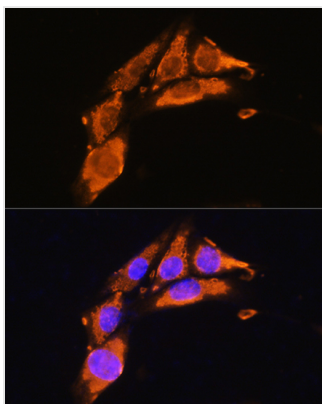
PRODUCT SYNONYMS

AGRN; Polyclonal Antibody; AGRN Rabbit pAb; AGRIN; CMS8; CMSPPD; agrin; anti-AGRN antibody

PRODUCT SPECIFICATIONS

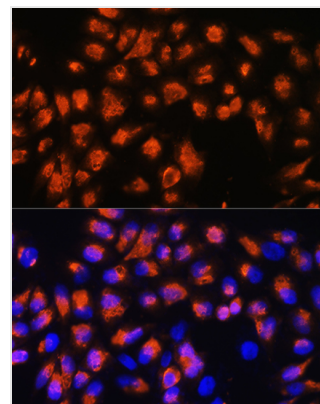
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	TCPERALERR EEEANVLTG TVEEILNVDP VQHTYSCKVR VWRYLKGD L VARESLDGG NKVVISGFGD PLICDNQVST GDTRIFFVNP APPYLWPAHK NELMLNSSLM RITLRNLEEV EFCVEDKPGT HFTPVPPTPP DACRGMLCGF GAVCEPNAEG PGRASCVCCK SPCPSVVAPV CGSDASTYSN ECELQRAQCS QRRIRLLSR GPCGSRDPCS NVTCSFGSTC ARSADGLTAS CLCPATCRGA PEGTVCGSDG ADYPGECQLL RRACARQENV FKKFDGPCDP CQGALPDPSR SCRVPNPRTRR PEMLLRPESC P
Applicable Applications for anti-AGRN antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 30-350 of human AGRN (NP_940978.2).
Positive Samples	A-549, Mouse brain, Mouse kidney, Rat kidney, Rat lung
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



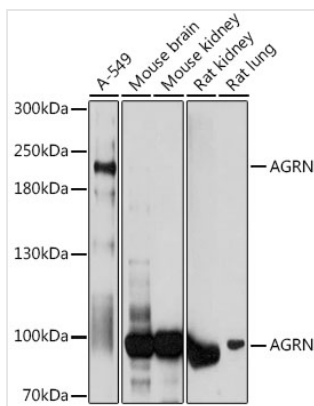
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using AGRN Rabbit pAb at dilution of 1:100.
Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using AGRN Rabbit pAb at dilution of 1:100.
Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using AGRN antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-AGRN antibody

Background: This gene encodes one of several proteins that are critical in the development of the neuromuscular junction (NMJ), as identified in mouse knock-out studies. The encoded protein contains several laminin G, Kazal type serine protease inhibitor, and epidermal growth factor domains. Additional post-translational modifications occur to add glycosaminoglycans and disulfide bonds. In one family with congenital myasthenic syndrome affecting limb-girdle muscles, a mutation in this gene was found. Alternative splicing results in multiple transcript variants encoding different isoforms.

Product Categories/Family for anti-AGRN antibody

Neuroscience; Cell Type Marker; Neuron marker; Research; Neuroscience; Cell Type Marker; Growth Cone

NCBI AND UNIPROT INFORMATION

NCBI GI #	2988422
NCBI GeneID	375790
UniProt Accession #	O00468; Q5SVA1; Q5SVA2; Q60FE1; Q7KYS8; Q8N4J5; Q96IC1; Q9BTD4
Molecular Weight	217,232 Da
NCBI Official Full Name	agrin
NCBI Official Synonym Full Names	agrin
NCBI Official Symbol	AGRN
NCBI Protein Information	agrin; agrin proteoglycan
UniProt Protein Name	Agrin
UniProt Gene Name	AGRN
UniProt Synonym Gene Names	AGRIN; C90; C22
UniProt Entry Name	AGRIN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/agrn-antibody-immunofluorescence-western-blot-elisa/281775>