
Agrin Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251545

Unit: 0.1 mg

Description:

Agrin is an essential extracellular matrix component that causes clustering of nicotinic acetylcholine receptors (nAChRs) and acetylcholine-esterase on the surface of muscle fibers of the neuromuscular junction. Agrin, MuSK and rapsyn are all essential components for AChR aggregation. The C-terminal region of agrin is released into the medium, interacts with receptors on the muscle surface and induces AChR aggregation. The central region contains two O-linked glycosylation sites and a domain homologous to domain III of laminin. The N-terminal region anchors agrin to the extracellular matrix via other basal membrane components. This region also contains a protease inhibitor domain and glycosaminoglycan attachment sites increasing the predicted MW from 200 kDa to 600 kDa.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Agrin; AGRN

Accession No.: A2ASQ1

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of mouse agrin.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.