



Anti-AGRN monoclonal antibody, clone Agr247 (CABT-50791MA)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Product Overview | This product recognizes rat agrin, a proteoglycan reported to play a role in the formation and maintenance of neuromuscular junctions. |
| Specificity | AGRN |
| Isotype | IgG1 |
| Source/Host | Mouse |
| Species Reactivity | Rat, Mouse |
| Clone | Agr247 |
| Conjugate | Unconjugated |
| Applications | IHC-Fr; Immunoblotting |
| Format | Purified IgG - liquid |
| Size | 200 µg |
| Preservative | 0.09% Sodium Azide |
| Storage | in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. |

GENE INFORMATION

Gene Name [Agrn agrin \[Rattus norvegicus \(Norway rat\) \]](#)

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|----------------------------|--|
| Official Symbol | AGRN |
| Synonyms | AGRN; agrin; AGR; |
| Entrez Gene ID | 25592 |
| Protein Refseq | NP_786930 |
| UniProt ID | P25304 |
| Chromosome Location | 5q36 |
| Pathway | A tetrasaccharide linker sequence is required for GAG synthesis; Axon guidance; Chondroitin sulfate/dermatan sulfate metabolism; Defective B3GAT3 causes JDSSDHD; Defective B4GALT1 causes B4GALT1-CDG (CDG-2d); Defective B4GALT7 causes EDS, progeroid type; Defective CHST14 causes EDS, musculocontractural type; Defective CHST3 causes SEDCJD; |
| Function | BMP binding; acetylcholine receptor regulator activity; calcium ion binding; chondroitin sulfate binding; dystroglycan binding; heparan sulfate proteoglycan binding; protein binding; sialic acid binding; transforming growth factor beta binding; |