



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

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

PRODUCT INFORMATION

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 \(Norway rat\) \]](#)

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;