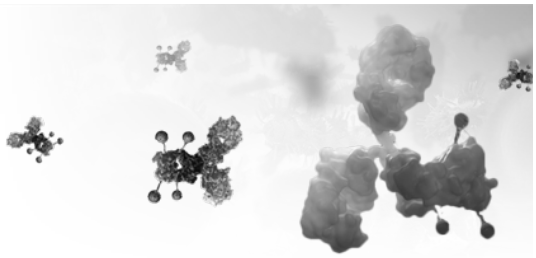

Anti-AGRN (N-terminal) polyclonal antibody (CPBT-51061RH)

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

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human AGRN.
Antigen Description	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.
Immunogen	Synthetic peptide from the N terminal residues of Human Agrin protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P
Cellular Localization	Secreted; extracellular space; extracellular matrix. Note: Synaptic basal lamina at the neuromuscular junction.
Format	Liquid
Size	100 µg
Buffer	Preservative: 0.02% Sodium AzideConstituents: 1% BSA, 0.1M Tris glycine, pH 7.2

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Preservative	0.02% Sodium Azide
Storage	Shipped at 4℃. Upon delivery aliquot and store at -20℃. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	AGRN agrin [Homo sapiens]
Official Symbol	AGRN
Synonyms	AGRN; agrin; AGRIN; agrin proteoglycan; AGRIN; Agrin proteoglycan; AGRN; FLJ45064; OTTHUMP00000044043;
Entrez Gene ID	375790
Protein Refseq	NP_940978
UniProt ID	O00468
Chromosome Location	1p36.33
Pathway	Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; NCAM signaling for neurite out-growth, organism-specific biosystem; NCAM1 interactions, organism-specific biosystem;
Function	acetylcholine receptor regulator activity; laminin binding; protein binding; structural constituent of cytoskeleton;

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