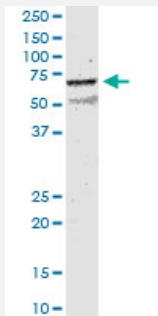


CHRNA2 monoclonal antibody (M01), clone 1C7

Catalog # H00001141-M01

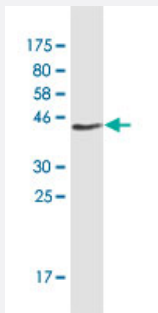
Size 100 ug

Applications



Western Blot (Tissue lysate)

CHRNA2 monoclonal antibody (M01), clone 1C7. Western Blot analysis of CHRNA2 expression in rat testis.



Western Blot detection against Immunogen (37.29 kDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CHRNA2.
Immunogen	CHRNA2 (NP_000739.1, 26 a.a. ~ 130 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 kDa.
Sequence	TDTEERLVEHLLDPSRYNKLIRPATNGSELVTVQLMVSLAQLISVHEREQIMTTNVWLTQEWEDYR LTWKPEEFDNMKKVRLPSKHWLPDVVLYNNADGMYEVS
Host	Mouse
Reactivity	Human, Rat

Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.29 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

CHRNA2 monoclonal antibody (M01), clone 1C7. Western Blot analysis of CHRNA2 expression in rat testis.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CHRNA2

Entrez GeneID	1141
GeneBank Accession#	NM_000748
Protein Accession#	NP_000739.1
Gene Name	CHRNA2
Gene Alias	EFNL3, nAChRB2
Gene Description	cholinergic receptor, nicotinic, beta 2 (neuronal)
Omim ID	118507 605375
Gene Ontology	Hyperlink

Gene Summary

Neuronal acetylcholine receptors are homo- or heteropentameric complexes composed of homologous alpha and beta subunits. They belong to a superfamily of ligand-gated ion channels which allow the flow of sodium and potassium across the plasma membrane in response to ligands such as acetylcholine and nicotine. This gene encodes one of several beta subunits. Mutations in this gene are associated with autosomal dominant nocturnal frontal lobe epilepsy. [provided by RefSeq]

Other Designations

OTTHUMP00000035374|cholinergic receptor, nicotinic, beta polypeptide 2 (neuronal)|neuronal nicotinic acetylcholine receptor beta 2

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