

GNAL mouse monoclonal antibody (hybridoma)

Catalog # H00002774-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant GNAL.
Immunogen	GNAL (NP_892023.1, 1 a.a. ~ 458 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGLCYSLRPLLFGGPGDDPCAASEPPVEDAQAPAPALAPVRAAARDTARTLLPRGGEGSPAC ARPKADKPKEKRQRTEQLSAEEREAAKEREAVKEARKVSRGIDRMLRDQKRDLLQQTTHRLLLGA GESGKSTVKQMRILHVNGFNPEEKKQKILDIRKNVKDAMTIVSAMSTIIPPVPLANPENQFRSDYK SIAPITDFEYSQEFFDHVKKLWDDEGVKACFERSNEYQLIDCAQYFLERIDSVSLVDYTPDQDLL RCRVLTSGIFETRFQVDKVNFMFDVGGQRDERRKWIQCFNDVTAIYVAACSSYNMVIREDNNTN RLRESLDLFESIWNRLRTISILFLNKQDMLAEKVLGKSKIEDYFPEYANYTPEDATPDAGED PKVTRAKFFIRDLFLRISTATGDGKHYCYPHFTCAVDTENIRRVFNDCRDIQRMHLKQYELL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (90)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — GNAL

Entrez GeneID	2774
GeneBank Accession#	NM_182978.1
Protein Accession#	NP_892023.1
Gene Name	GNAL
Gene Alias	-
Gene Description	guanine nucleotide binding protein (G protein), alpha activating activity polypeptide, olfactory type
Omim ID	139312
Gene Ontology	Hyperlink
Gene Summary	alpha activating activity polypeptide
Other Designations	guanine nucleotide binding protein (G protein), alpha stimulating activity polypeptide, olfactory type

Pathway

- [Calcium signaling pathway](#)
- [Olfactory transduction](#)

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)