

Mouse Anti-Gnai1 Monoclonal Antibody

Cat. No. DMABT-H16571 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse Anti-Gnai1 Monoclonal Antibody
Species	Rat
Source	Mouse
specificity	The anti Galpha i1 antibodyS5recognizes inhibiting G protein alpha subunit i, subtype 1. This antibody was raised using recombinant Galpha i1 protein.Antigen Distribution:The antibodyS5reacts with rat protein (100%);, mouse (78%);, bovine (74%);, guinea pig (48%); and human (31%);.
Target	Gnai1
Isotype	Mouse IgG2b
species	Rat
Clone	S5
Conjugation	N/A
Applications	N/A
Concentration	0.5 mg/ml

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Storage	This antibody is stable for at least one week when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at – 20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.
Size	0.25 mg
GENE INFORMATION	
Gene Name	Gnai1 guanine nucleotide binding protein (G protein), alpha inhibiting2[Rattus norvegicus]
Official Symbol	Gnai1
Synonyms	GNAI1; guanine nucleotide binding protein (G protein), alpha inhibiting 1; guanine nucleotide-binding protein G(i) subunit alpha-1; adenylate cyclase-inhibiting G alpha protein; guanine nucleotide binding protein, alpha inhibiting 1; guanine nucleotide-binding protein G(i), alpha-1 subunit; BPGTPB;
Gene ID	25686
mRNA Refseq	NM_013145
Protein Refseq	NP_037277
Pathway	ADP signalling through P2Y purinoceptor 12, organism-specific biosystem; Activation of GABAB receptors, organism-specific biosystem; Activation of GABAB receptors, organism-specific biosystem; Adenylate cyclase inhibitory pathway, organism-specific biosystem; Adenylate cyclase inhibitory pathway, organism-specific biosystem; Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem;
Function	G-protein beta/gamma-subunit complex binding; G-protein coupled serotonin receptor

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binding; GTP binding; guanyl nucleotide binding; metal ion binding; nucleotide binding; protein binding; signal transducer activity; signal transducer activity;

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