

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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