

Product datasheet for **TA355391**

G protein alpha Inhibitor 2 (GNAI2) Mouse Monoclonal Antibody [Clone ID: 2H8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2H8
Applications:	WB
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	40
Gene Name:	G protein subunit alpha i2
Database Link:	NP_001159897 Entrez Gene 2771 Human P04899
Background:	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The G(i) proteins are involved in hormonal regulation of adenylate cyclase: they inhibit the cyclase in response to beta-adrenergic stimuli. May play a role in cell division.
Synonyms:	GIP; GNAI2B; H_LUCA15.1; H_LUCA16.1
Protein Families:	Druggable Genome
Protein Pathways:	Axon guidance, Chemokine signaling pathway, Gap junction, Leukocyte transendothelial migration, Long-term depression, Melanogenesis, Progesterone-mediated oocyte maturation, Tight junction



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Product images:



Host: Mouse
Target Name: GNAI2
Clone: 2H8
Sample Tissue: HepG2 Cell Lysate
Antibody Dilution: 2.5 μ g/ml

WB Suggested Anti-GNAI2 (guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2) Antibody (Clone #:2H8) (100ug)
Titration: 2.5 ug/ml
Positive Control: HepG2 Whole Cell GNAI2 is supported by BioGPS gene expression data to be expressed in HepG2