

## **Product datasheet for TA355391**

## OriGene Technologies, Inc.

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## 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

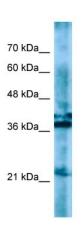
migration, Long-term depression, Melanogenesis, Progesterone-mediated oocyte maturation,

Tight junction





## **Product images:**



Host: Mouse Target Name: GNAI2 Clone: 2H8

Sample Tissue: HepG2 Cell Lysate Antibody Dilution: 2.5µg/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 CellGNAI2 is supported by BioGPS gene expression data to be expressed in HepG2