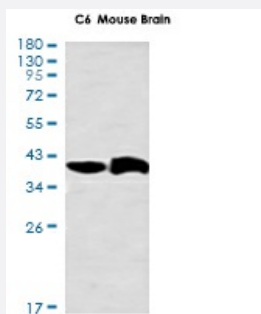


RecomAb™

GNAI2 recombinant monoclonal antibody, clone R05-7I1

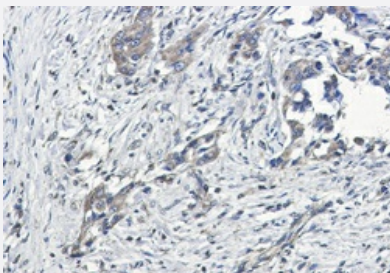
Catalog # RAB01440 Size 100 uL

Applications



Western Blot

Western blot analysis of GNAI2 in C6, mouse Brain lysates using GNAI2 antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded Human lung cancer using GNAI2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human GNAI2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human GNAI2.
Theoretical MW (kDa)	Calculated MW: 40 kD
Reactivity	Human
Form	Liquid

Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence Immunohistochemistry (Frozen sections) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of GNAI2 in C6, mouse Brain lysates using GNAI2 antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded Human lung cancer using GNAI2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

- Immunohistochemistry (Frozen sections)

- Immunocytochemistry

- Immunofluorescence

Gene Info — GNAI2

Entrez GeneID	2771
Protein Accession#	P04899
Gene Name	GNAI2
Gene Alias	GIP, GNAI2B, H_LUCA15.1, H_LUCA16.1

Gene Description	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2
Omim ID	139360 192605
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	GTP-binding regulatory protein Gi alpha-2 chain WUGSC:H_LUCA15.1 WUGSC:H_LUCA16.1

Pathway

- [Axon guidance](#)
- [Chemokine signaling pathway](#)
- [Gap junction](#)
- [Leukocyte transendothelial migration](#)
- [Long-term depression](#)
- [Melanogenesis](#)
- [Tight junction](#)

Disease

- [Adenoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Insulin Resistance](#)
- [Pituitary Neoplasms](#)
- [Schizophrenia](#)