

Anti-GNAQ antibody (1-359) (STJ116936)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

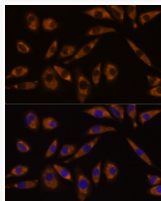
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 42kDa Observed Mw: 42kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

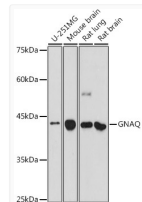
Gene ID	2776
Gene Symbol	GNAQ
UniProt ID	GNAQ_HUMAN
Immunogen Region	1-359
Immunogen Sequence	MTLESIMACCLSEEAKEARR INDEIERQLRRDKRDARREL KLLLLGTGESGKSTFIKQMR IIHGGYSDEDKRGFTKLVY QNIFTAMQAMIRAMDTLKIP YKYEHNKAHAQLVREVDVEK VSAFENPYVDAIKSLWNDPG IQECYDRRREYQLSDSTKYY LNDLDRVADPAYLPTQQDVL RVRVPTTGIIIEYPFDLQSVI FRMVDVGGQRSEERRKWIHCF ENVTSIMFLValseyDQVL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-359 of human GNAQ (NP_002063.2).

ADDITIONAL INFORMATION

Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Immunofluorescence analysis of L929 cells using GNAQ Rabbit polyclonal antibody (STJ116936) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using GNAQ antibody (STJ116936) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.