

Anti-GNAO1 antibody (60-180) (STJ23814)

STJ23814

GENERAL INFORMATION

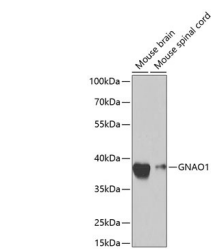
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

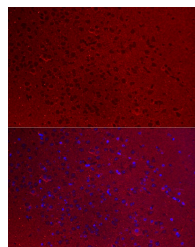
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

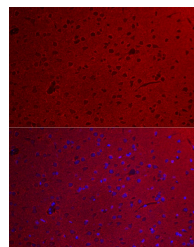
Gene ID	2775
Gene Symbol	GNAO1
Uniprot ID	GNAO_HUMAN
Immunogen	
Immunogen Region	60-180
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 60-180 of human GNAO1 (NP_066268.1).
Immunogen Sequence	GFSGEDVKQYKPVVYSNTIQ SLAAIVRAMDTLGIEYGDKE RKADAKMVCDVVSRLMEDTEP FSAELLSAMMRLWGDSGIQQE CFNRSREYQLNDSAKYYLDS LDRIGAADYQPTQEDILRTR V



Western blot analysis of extracts of various cell lines, using GNAO1 antibody (STJ23814) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST.



Immunofluorescence analysis of mouse brain cells using GNAO1 rabbit polyclonal antibody (STJ23814) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat brain cells using GNAO1 rabbit polyclonal antibody (STJ23814) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081