

Datasheet for ABIN2787873
anti-GNAI3 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	GNAI3
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Horse, Cow, Dog, Rabbit, Guinea Pig, Zebrafish (Danio rerio), Sheep, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAI3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human GNAI3
Sequence:	ESGKSTIVKQ MKIIHEDGYS EDECKQYKVV VYSNTIQSII AIIRAMGRLK
Predicted Reactivity:	Cow: 93%, Dog: 93%, Goat: 85%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Sheep: 93%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against GNAI3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GNAI3
Alternative Name:	GNAI3 (GNAI3 Products)

Target Details

Background:	<p>GNAI3 is a guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. G(k) is the stimulatory G protein of receptor-regulated K⁺ channels.</p> <p>Alias Symbols: 87U6, FLJ26559</p> <p>Protein Interaction Partner: RGS17, RGS19, UBC, CCDC88C, GPSM3, SUMO2, GNB3, TXNDC5, UBFD1, YWHAQ, BZW1, PGD, LDHB, LDHA, EIF5, CAPNS1, XPO1, VCL, YWHAH, ESR1, BAG3, ADRB2, PAN2, RGS14, RANGAP1, NUCB2, NUCB1, NCF2, MTNR1A, FN1, ATP12A, SOX30, CDV3, GNB1, GNAI2, GNAI1, CD55, CCNT1, GN</p> <p>Protein Size: 354</p>
Molecular Weight:	39 kDa
Gene ID:	2773
NCBI Accession:	NM_006496 , NP_006487
UniProt:	P08754
Pathways:	cAMP Metabolic Process , G-protein mediated Events

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 354 AA
Restrictions:	For Research Use only

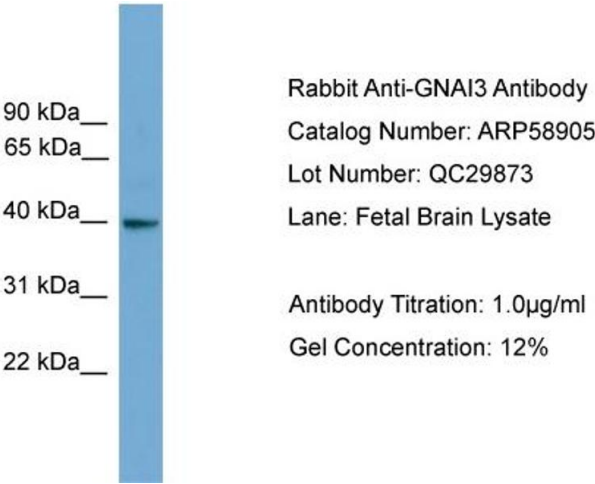
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: 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.

Images

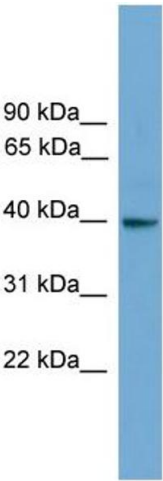


Western Blotting

Image 1. WB Suggested Anti-GNAI3

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::2500

Positive Control: Human brain



Western Blotting

Image 2. WB Suggested Anti-GNAI3 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: Human brain