

Datasheet for ABIN2790407
anti-GNA13 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	GNA13
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNA13 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 GNA13
Sequence:	GCLLTSGEAE QQRKSKEIDK CLSREKTYVK RLVKILLGA GESGKSTFLK
Predicted Reactivity:	Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 83%
Characteristics:	This is a rabbit polyclonal antibody against GNA13. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GNA13
Alternative Name:	GNA13 (GNA13 Products)

Target Details

Background:	<p>Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems.</p> <p>Alias Symbols: G13, MGC46138</p> <p>Protein Interaction Partner: AHR, AIP, UBC, MDM2, GNG2, TBXA2R, PRKACA, LRRK2, ELAVL1, USP3, RIC8A, ARHGEF11, ARHGEF12, EDNRB, S1PR2, AKAP3, GNA12, S1PR4, TSHR, GPR17, RGS16, S1PR3, ARHGEF1, PTK2B, MTNR1A, PPP5C, MCF2, CDH1, TGFB1, F2R, RDX, PRKCD, PRKCE, PRKCB, CXCR4, DRD5, CTNNB1,</p> <p>Protein Size: 377</p>
Molecular Weight:	44 kDa
Gene ID:	10672
NCBI Accession:	NM_006572 , NP_006563
UniProt:	Q14344
Pathways:	CXCR4-mediated Signaling Events

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 377 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
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


90 kDa__

65 kDa__

40 kDa__

29 kDa__

22 kDa__



Host: Rabbit

Target Name: Gna13

Sample Type: Mouse Skeletal Muscle Lysate

Antibody Dilution: 1.0µg/ml

Western Blotting

Image 1. Host: Mouse Target Name: GNA13 Sample Tissue: Mouse Skeletal Muscle Antibody Dilution: 1ug/ml


90 kDa__

65 kDa__

40 kDa__

29 kDa__

22 kDa__



Western Blotting

Image 2. WB Suggested Anti-GNA13 Antibody Titration: 1.0 ug/ml Positive Control: COLO205 Whole Cell