

For Research Use Only

GNAI3 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 88438-4-PBS



Basic Information

Catalog Number: 88438-4-PBS	GenBank Accession Number: BC025285	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2773	CloneNo.: 261052B10
Source: Rabbit	UNIPROT ID: P08754	
Isotype: IgG	Full Name: guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3	
Immunogen Catalog Number: AG2229	Calculated MW: 40 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

88438-4-PBS targets GNAI3 as part of a matched antibody pair:

MP03552-1: 88438-4-PBS capture and 88438-3-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

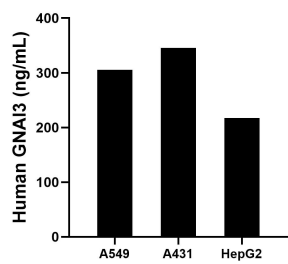
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

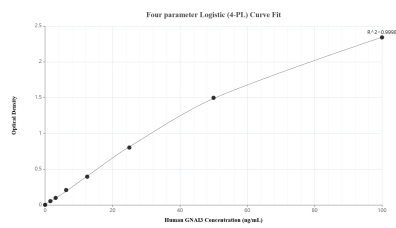
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

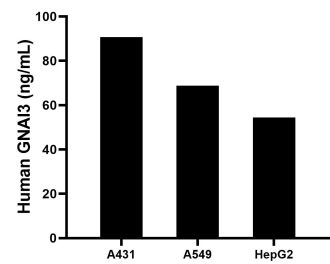
Selected Validation Data



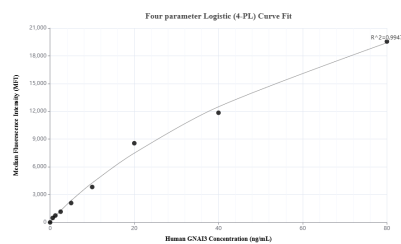
The mean GNAI3 concentration was determined to be 305.39 ng/mL in A549 cell extract based on a 1.20 mg/mL extract load, 345.35 ng/mL in A431 cell extract based on a 1.20 mg/mL extract load and 217.31 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load.



Sandwich ELISA standard curve of MP03552-1, Human GNAI3 Recombinant Matched Antibody Pair - PBS only. 88438-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2229. 88438-3-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL.



The mean GNAI3 concentration was determined to be 90.7 ng/mL in A431 cell extract based on a 1.2 mg/mL extract load, 68.8 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load, 54.5 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP03552-1, GNAI3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88438-4-PBS. Detection antibody: 88438-3-PBS. Standard: Ag2229. Range: 0.625-80 ng/mL.