

GNAI3 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03552-1**

Capture Antibody Information

Catalog Number:
88438-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
261052B10
Reactivity:
human
Immunogen Catalog Number:
Ag2229

Conjugate:
Unconjugated
Full name:
guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3
Gene ID:
2773

Detection Antibody Information

Catalog Number:
88438-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
261052A4
Reactivity:
human
GenBank:
BC025285
Immunogen Catalog Number:
Ag2229

Conjugate:
Unconjugated
Full name:
guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3
Gene ID:
2773

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.625-80 ng/mL (Cytometric Bead Array)
1.56-100 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP03552-1 targets GNAI3 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: GNAI3 Recombinant monoclonal antibody, PBS Only (Capture) 88438-4-PBS (261052B10). 100 µg. Concentration 1 mg/mL.

Detection antibody: GNAI3 Recombinant monoclonal antibody, PBS Only (Detector) 88438-3-PBS (261052A4). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

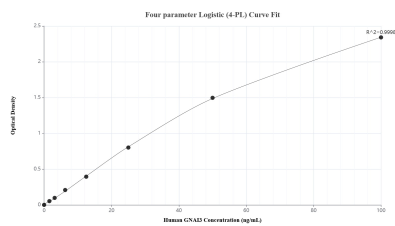
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

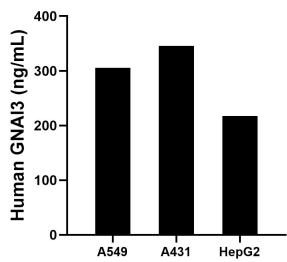
E: proteintech@ptglab.com
W: ptglab.com

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

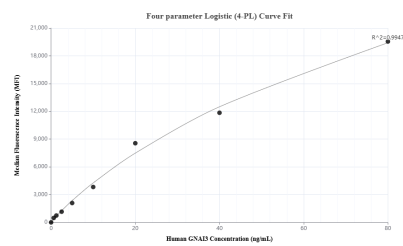
Selected Validation Data



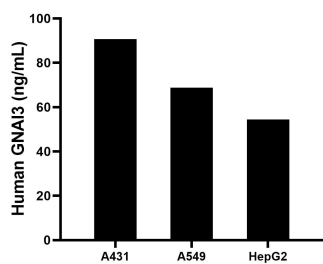
Sandwich ELISA standard curve of MP03552-1, Human GNAI3 Recombinant Matched Antibody Pair - PBS only. 88438-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2229. 88438-3-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL.



The mean GNAI3 concentration was determined to be 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.



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.



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.