For Research Use Only

PEBP1/RKIP Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03431-1

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Capture Antibody Information

Catalog Number:
88106-3-PBS

Clone ID:
260328C6

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
phosphatidylethanolamine binding protein 1

Isotype:
IgG

Immunogen Catalog Number:
Ag0864

Gene ID:
5037

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
88106-2-PBS

Clone ID:
260328A6

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
phosphatidylethanolamine binding protein 1

Isotype:
IgG

GenBank:
BC008714

Gene ID:
5037

Purification Method:
Protein A purification

Immunogen Catalog Number:
Ag0864

Applications

Tested Applications:
Sandwich ELISA

Range:
0.391-25 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

MP03431-1 targets PEBP1/RKIP in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: PEBP1 Recombinant monoclonal antibody, PBS Only (Capture) 88106-3-PBS (260328C6). 100 µg. Concentration 1 mg/ml.

Detection antibody: PEBP1 Recombinant monoclonal antibody, PBS Only (Detector) 88106-2-PBS (260328A6). 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.

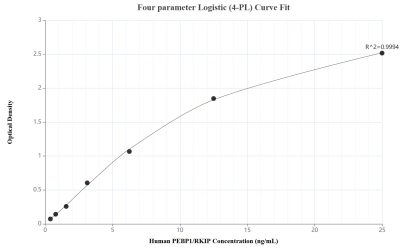
Storage

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

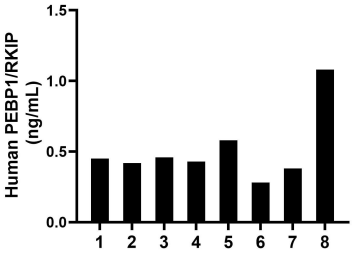
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

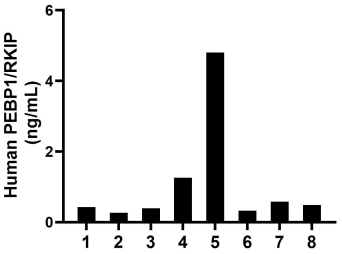
Selected Validation Data



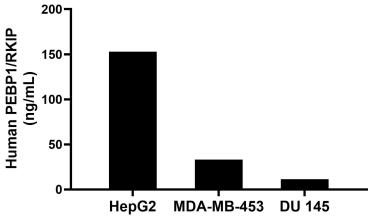
Sandwich ELISA standard curve of MP03431-1, Human PEBP1/RKIP Recombinant Matched Antibody Pair - PBS only. 88106-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0864. 88106-2-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL.



Serum of eight individual healthy human donors was measured. The PEBP1/RKIP concentration of detected samples was determined to be 0.51 ng/mL with a range of 0.28-1.08 ng/mL.



Plasma of eight individual healthy human donors was measured. The PEBP1/RKIP concentration of detected samples was determined to be 1.07 ng/mL with a range of 0.27-4.81 ng/mL.



The mean PEBP1/RKIP concentration was determined to be 152.81 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load, 33.07 ng/mL in MDA-MB-453 cell extract based on a 1.50 mg/mL extract load and 11.53 ng/mL in DU 145 cell extract based on a 1.20 mg/mL extract load.