For Research Use Only

Rat FABP1 Recombinant Matched Antibody Pair, PBS Only

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

Catalog Number:MP03047-2

Capture Antibody Information

Catalog Number:
87555-3-PBS

Clone ID:
252724D3

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
rat

Full name:
fatty acid binding protein 1, liver

Isotype:
IgG

Immunogen Catalog Number:
Eg7277

Gene ID:
24360

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
87555-2-PBS

Clone ID:
252724D5

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
rat

Full name:
fatty acid binding protein 1, liver

Isotype:
IgG

GenBank:
NM_012556.2

Gene ID:
24360

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg7277

Applications

Tested Applications:
Sandwich ELISA

Range:
46.9-3000 pg/mL (Sandwich ELISA)

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

Product Information

MP03047-2 targets FABP1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Rat FABP1 Recombinant monoclonal antibody, PBS Only (Capture) 87555-3-PBS (252724D3). 100 µg. Concentration 1 mg/ml.

Detection antibody: Rat FABP1 Recombinant monoclonal antibody, PBS Only (Capture/Detector) 87555-2-PBS (252724D5). 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.

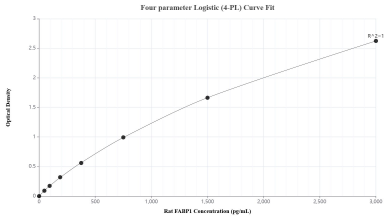
Storage

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

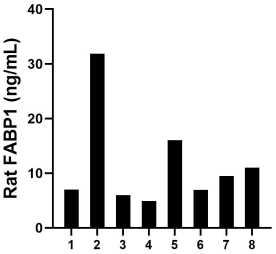
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

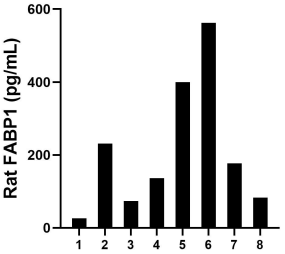
Selected Validation Data



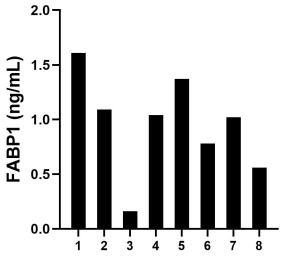
Sandwich ELISA standard curve of MP03047-2, Rat FABP1 Recombinant Matched Antibody Pair - PBS only. 87555-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg7277. 87555-2-PBS was HRP conjugated as the detection antibody. Range: 46.9-3000 pg/mL.



Serum of eight rats was measured. The FABP1 concentration of detected samples was determined to be 11.7 ng/mL with a range of 4.9-31.9 ng/mL.



Urine of eight rats was measured. The FABP1 concentration of detected samples was determined to be 211.1 pg/mL with a range of 26.4-562.2 pg/mL.



Urine of eight mice was measured. The FABP1 concentration of detected samples was determined to be 1.0 ng/mL with a range of 0.2-1.6 ng/mL.