

LATS1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02921-1**

Capture Antibody Information

Catalog Number:
80613-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252021A3
Reactivity:
human
Immunogen Catalog Number:
Ag11140

Conjugate:
Unconjugated
Full name:
LATS, large tumor suppressor, homolog 1 (Drosophila)
Gene ID:
9113

Detection Antibody Information

Catalog Number:
80613-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252021E3
Reactivity:
human, mouse, rat
GenBank:
BC015665
Immunogen Catalog Number:
Ag11140

Conjugate:
Unconjugated
Full name:
LATS, large tumor suppressor, homolog 1 (Drosophila)
Gene ID:
9113

Applications

Tested Applications:
Sandwich ELISA

Range:
78.1-2500 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

MP02921-1 targets LATS1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: LATS1 Recombinant monoclonal antibody, PBS Only (Capture) 80613-3-PBS (252021A3). 100 µg. Concentration 1 mg/mL.

Detection antibody: LATS1 Recombinant monoclonal antibody, PBS Only (Detector) 80613-2-PBS (252021E3). 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

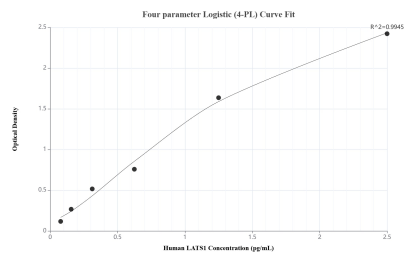
For technical support and original validation data for this product please contact:

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

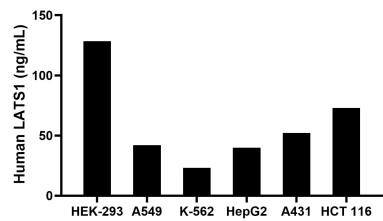
E: proteintech@ptglab.com
W: ptglab.com

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 MP02921-1, Human LATS1 Recombinant Matched Antibody Pair - PBS only. 80613-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag11140. 80613-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-2500 pg/mL



The mean LATS1 concentration was determined to be 128.4 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load, 42.1 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load, 23.1 ng/mL in K-562 cell extract based on a 1.2 mg/mL extract load, 40.0 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 52.2 ng/mL in A431 cell extract based on a 1.2 mg/mL extract load and 72.9 ng/mL in HCT 116 cell extract based on a 1.3 mg/mL extract load.