

For Research Use Only

# SAT1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00344-4

## Capture Antibody Information

**Catalog Number:**  
83319-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240157G2  
**Reactivity:**  
human  
**GenBank:**  
BC008424  
**Immunogen Catalog Number:**  
Ag1154

**Conjugate:**  
Unconjugated  
**Full name:**  
spermidine/spermine N1-acetyltransferase 1  
**Gene ID:**  
6303

## Detection Antibody Information

**Catalog Number:**  
83319-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240157C6  
**Reactivity:**  
human  
**GenBank:**  
BC008424  
**Immunogen Catalog Number:**  
Ag1154

**Conjugate:**  
Unconjugated  
**Full name:**  
spermidine/spermine N1-acetyltransferase 1  
**Gene ID:**  
6303

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
78.1-5000 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

MP00344-4 targets SAT1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: SAT1 Recombinant antibody, PBS Only (Capture/Detector) 83319-1-PBS (240157G2). 100 µg. Concentration 1 mg/mL.

Detection antibody: SAT1 Recombinant antibody, PBS Only (Capture/Detector) 83319-3-PBS (240157C6). 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.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage buffer:**  
PBS only

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

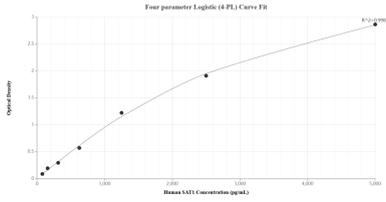
T: 4006900926

E: Proteintech-CN@ptglab.com

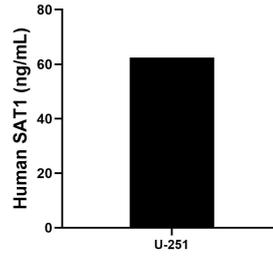
W: ptgcn.com

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

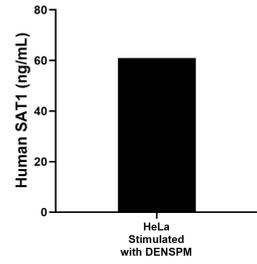
## Selected Validation Data



Sandwich ELISA standard curve of MP00344-4, Human SAT1 Recombinant Matched Antibody Pair - PBS only. 83319-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1154. 83319-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



The mean SAT1 concentration was determined to be 62.4 ng/mL in U-251 cell extract based on a 1.4 mg/mL extract load.



The mean SAT1 concentration was determined to be 60.9 ng/mL in DENSPM-stimulated HeLa cell extracts based on a 3.0 mg/mL extract load.