

For Research Use Only



# AGXT Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00420-4

## Capture Antibody Information

**Catalog Number:**  
83385-5-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240305F9  
**Reactivity:**  
human  
**GenBank:**  
BC132819  
**Immunogen Catalog Number:**  
Ag18062

**Conjugate:**  
Unconjugated  
**Full name:**  
alanine-glyoxylate aminotransferase  
**Gene ID:**  
189

## Detection Antibody Information

**Catalog Number:**  
83385-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240305E11  
**Reactivity:**  
human  
**GenBank:**  
BC132819  
**Immunogen Catalog Number:**  
Ag18062

**Conjugate:**  
Unconjugated  
**Full name:**  
alanine-glyoxylate aminotransferase  
**Gene ID:**  
189

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
0.195-12.5 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

MP00420-4 targets AGXT in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: AGXT Recombinant antibody, PBS Only (Capture) 83385-5-PBS (240305F9). 100 µg. Concentration 1 mg/ml.

Detection antibody: AGXT Recombinant antibody, PBS Only (Detector) 83385-3-PBS (240305E11). 100 µg. Concentration 1 mg/ml.

Alternative AGXT matched antibody pairs: MP00420-1, MP00420-2, MP00420-3

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:

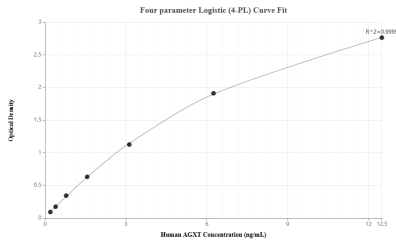
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

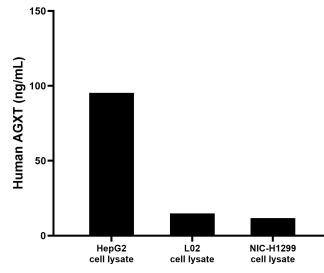
W: [ptgcn.com](http://ptgcn.com)

**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 MP00420-4, Human AGXT Recombinant Matched Antibody Pair - PBS only. 83385-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag18062. 83385-3-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 ng/mL



HepG2, L02 and NIC-H1299 cell lysates were measured. The human AGXT concentration of detected samples was determined to be 95.31 ng/mL (based on a 1.2 mg/mL extract load) in HepG2 cell lysate, 14.94 ng/mL (based on a 2.6 mg/mL extract load) in L02 cell lysate and 11.79 ng/mL (based on a 1.2 mg/mL extract load) in NIC-H1299 cell lysate.