For Research Use Only

# P4HA1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP02811-1

proteintech®
Antibodies | ELISA kits | Proteins
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## Capture Antibody Information

Catalog Number:
86825-4-PBS

Clone ID:
251813C10

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
prolyl 4-hydroxylase, alpha polypeptide I

Isotype:
IgG

Immunogen Catalog Number:
Ag3292

Gene ID:
5033

Purification Method:
Protein A purification

## Detection Antibody Information

Catalog Number:
86825-3-PBS

Clone ID:
251813D2

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
prolyl 4-hydroxylase, alpha polypeptide I

Isotype:
IgG

GenBank:
BC034998

Gene ID:
5033

Purification Method:
Protein A purification

Immunogen Catalog Number:
Ag3292

## Applications

Tested Applications:
Sandwich ELISA

Range:
0.156-10 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

MP02811-1 targets P4HA1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: P4HA1 Recombinant monoclonal antibody, PBS Only (Capture) 86825-4-PBS (251813C10). 100 µg. Concentration 1 mg/ml.

Detection antibody: P4HA1 Recombinant monoclonal antibody, PBS Only (Detector) 86825-3-PBS (251813D2). 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.

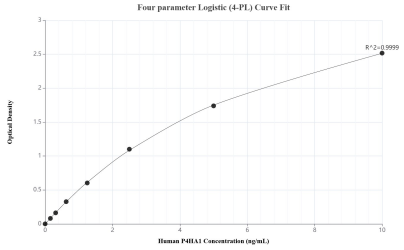
## Storage

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

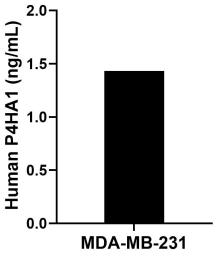
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

**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 MP02811-1, Human P4HA1 Recombinant Matched Antibody Pair - PBS only. 86825-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3292. 86825-3-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.




The mean P4HA1 concentration was determined to be 1.43 ng/mL in MDA-MB-231 cell extract based on a 2.50 mg/mL extract load.