

For Research Use Only

# KYNU Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02527-2

## Capture Antibody Information

**Catalog Number:**  
86555-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
251437B3  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Ag2365

**Conjugate:**  
Unconjugated  
**Full name:**  
kynureninase (L-kynurenine hydrolase)  
**Gene ID:**  
8942

## Detection Antibody Information

**Catalog Number:**  
86555-5-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
251437D11  
**Reactivity:**  
human  
**GenBank:**  
BC000879  
**Immunogen Catalog Number:**  
Ag2365

**Conjugate:**  
Unconjugated  
**Full name:**  
kynureninase (L-kynurenine hydrolase)  
**Gene ID:**  
8942

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
0.781-50 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

MP02527-2 targets KYNU in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: KYNU Recombinant monoclonal antibody, PBS Only (Capture) 86555-2-PBS (251437B3). 100 µg. Concentration 1 mg/mL.

Detection antibody: KYNU Recombinant monoclonal antibody, PBS Only (Detector) 86555-5-PBS (251437D11). 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

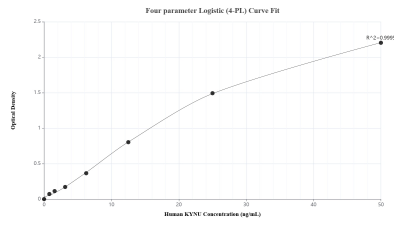
For technical support and original validation data for this product please contact:

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

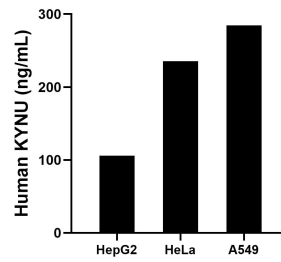
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Sandwich ELISA standard curve of MP02527-2, Human KYNU Recombinant Matched Antibody Pair - PBS only. 86555-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2365. 86555-5-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL.



The mean KYNU concentration was determined to be 105.94 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load, 235.47 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load and 284.39 ng/mL in A549 cell extract based on a 1.20 mg/mL extract load.