

For Research Use Only

# EIF2C2-Specific Recombinant antibody, PBS Only (Capture)

Catalog Number:81707-4-PBS



## Basic Information

Catalog Number:

81707-4-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_012154

GeneID (NCBI):

27161

UNIPROT ID:

Q9UKV8

Full Name:

eukaryotic translation initiation  
factor 2C, 2

Calculated MW:

97 kDa

Purification Method:

Protein A purification

CloneNo.:

250686B11

## Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human

## Background Information

### 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, pH7.3

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

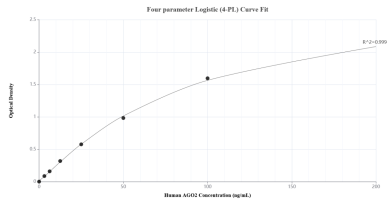
T: 4006900926

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

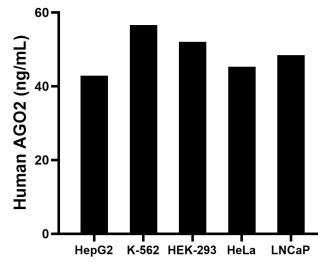
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Sandwich ELISA standard curve of MPO2445-1, Human AGO2 Recombinant Matched Antibody Pair - PBS only. 81707-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY00436. 81707-3-PBS was HRP conjugated as the detection antibody. Range: 3.13-200 ng/mL.



The mean AGO2 concentration was determined to be 42.85 ng/mL in HepG2 cell extract based on a 1.10 mg/mL extract load, 56.57 ng/mL in K-562 cell extract based on a 1.40 mg/mL extract load, 52.01 ng/mL in HEK-293 cell extract based on a 2.90 mg/mL extract load, 45.27 ng/mL in HeLa cell extract based on a 1.40 mg/mL extract load and 48.44 ng/mL in LNCaP cell extract based on a 1.20 mg/mL extract load.