

For Research Use Only

Agrin Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 86507-4-PBS



Basic Information

Catalog Number:

86507-4-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG5123

GenBank Accession Number:

NM_198576.4

GeneID (NCBI):

375790

UNIPROT ID:

O00468-6

Full Name:

agrin

Calculated MW:

215 kDa

Purification Method:

Protein A purification

CloneNo.:

251295A1

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA

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:

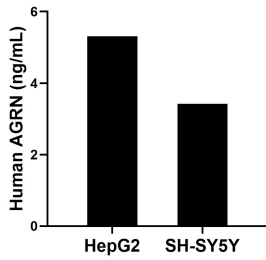
T: 4006900926

E: Proteintech-CN@ptglab.com

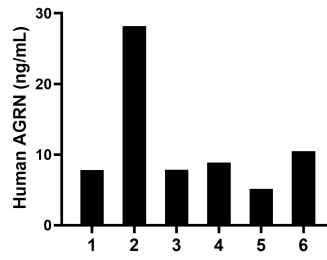
W: ptgcn.com

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

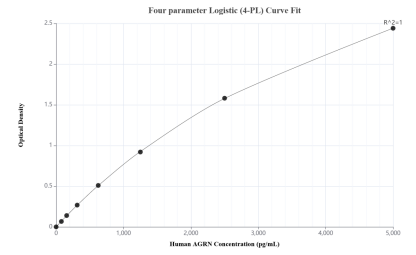
Selected Validation Data



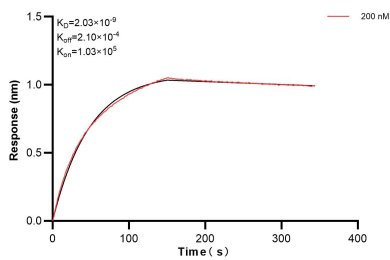
The mean AGRN concentration was determined to be 5.3 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load and 3.4 ng/mL in SH-SY5Y cell extract based on a 1.2 mg/mL extract load.



Plasma of six individual healthy human donors was measured. The AGRN concentration of detected samples was determined to be 11.4 ng/mL with a range of 5.1-28.2 ng/mL.



Sandwich ELISA standard curve of MP02476-2, Human AGRN Recombinant Matched Antibody Pair - PBS only. 86507-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg5123. 86507-4-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



Biolayer interferometry (BLI) kinetic assay of 86507-4-PBS against Human AGRN were performed. The affinity constant is 2.03 nM.