For Research Use Only

PCSK9 Recombinant antibody, PBS Only (Detector)

Catalog Number:84172-6-PBS

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
84172-6-PBS

Size:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_174936.4

GeneID (NCBI):
255738

UNIPROT ID:
Q8NBP7

Full Name:
proprotein convertase subtilisin/kexin type 9

Calculated MW:
74 kDa

Purification Method:
Protein A purification

CloneNo.:
241395B7

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

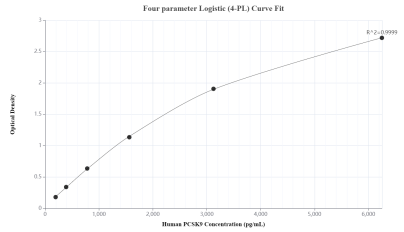
Species Specificity:
human

Background Information

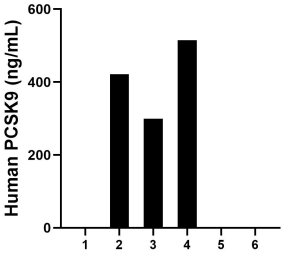
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

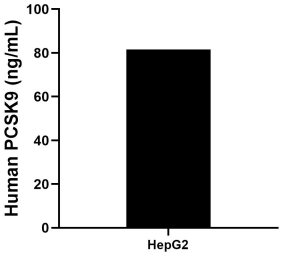
Selected Validation Data



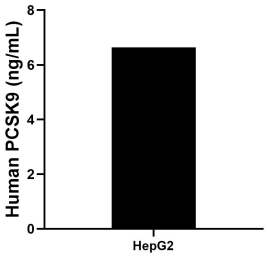
Sandwich ELISA standard curve of MP01071-4, Human PCSK9 Recombinant Matched Antibody Pair - PBS only. 84172-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0362. 84172-6-PBS was HRP conjugated as the detection antibody. Range: 195.3-6250 pg/mL.



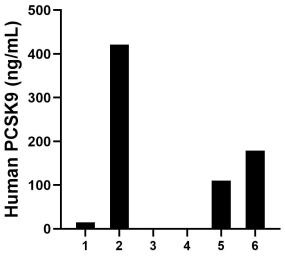
Plasma of six individual healthy human donors was measured. The PCSK9 concentration of detected samples was determined to be 206.0 ng/mL with a range of 0.0-514.5 ng/mL.



HepG2 were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human PCSK9, and measured 81.6 ng/mL.



The mean PCSK9 concentration was determined to be 6.6 ng/mL in HepG2 cell extract based on a 2.0 mg/mL extract load.



Serum of six individual healthy human donors was measured. The PCSK9 concentration of detected samples was determined to be 120.8 ng/mL with a range of 0.0-421.1 ng/mL.