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PEDF/SERPINF1 Rabbit mAb

Catalog No.: A3475 Recombinant 3 Publications

Basic Information

Observed MW
46kDa

Calculated MW
46kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC0784

Background

This gene encodes a member of the serpin family that does not display the serine protease inhibitory activity shown by many of the other serpin proteins. The encoded protein is secreted and strongly inhibits angiogenesis. In addition, this protein is a neurotrophic factor involved in neuronal differentiation in retinoblastoma cells. Mutations in this gene were found in individuals with osteogenesis imperfecta, type VI.

Recommended Dilutions

WB	1:500 - 1:2000

Immunogen Information

Gene ID
5176

Swiss Prot
P36955

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 1-100 of human PEDF/SERPINF1 (P36955).

Synonyms
OI6; OI12; PEDF; EPC-1; PIG35; PEDF/SERPINF1

Contact

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Product Information

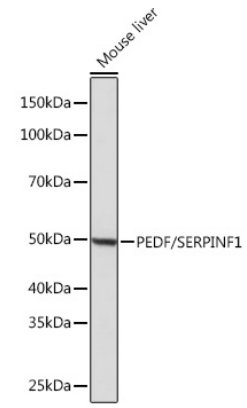
Source
Rabbit

Isotype
IgG

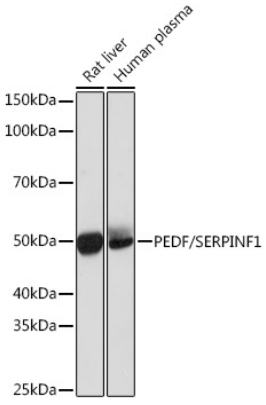
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of Mouse liver, using PEDF/SERPINF1 Rabbit mAb (A3475) at 1： 1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.



Western blot analysis of extracts of various cell lines, using PEDF/SERPINF1 Rabbit mAb (A3475) at 1: 1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.