

PEDF/SERPINF1 Rabbit mAb

Catalog No.: A3475 **Recombinant** **4 Publications**

Basic Information

Observed MW

50 kDa

Calculated MW

46 kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human, 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 1:1000 - 1:6000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

5176

Swiss Prot

P36955

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

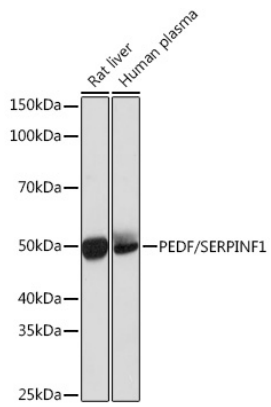
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using PEDF/SERPINF1 Rabbit mAb (A3475) at 1:1000 dilution.
Secondary antibody: HRP-conjugated 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.