

PEDF/SERPINF1 Rabbit pAb**Catalog No.: A1673****Basic Information****Observed MW**

46 kDa

Calculated MW

46 kDa

Category

Polyclonal Antibodies

Applications

WB, IF/ICC, ELISA

Cross Reactivity

Human, Mouse, Rat

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 – 1:1000**IF/ICC** 1:100 – 1:500**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 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn**Product Information****Source**

Rabbit

Isotype

IgG

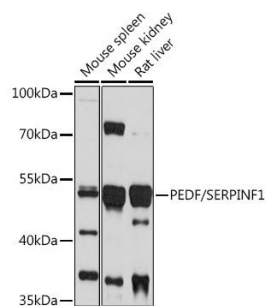
Purity

Affinity purification

Storage

Store at -20°C

Validation Data



Western blot analysis of various lysates using PEDF/SERPINF1 Rabbit pAb (A1673) at 1:1000 dilution.

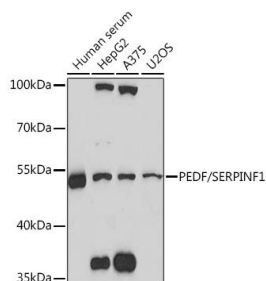
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Western blot analysis of various lysates using PEDF/SERPINF1 Rabbit pAb (A1673) at 1:1000 dilution.

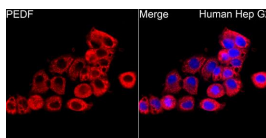
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Immunofluorescence analysis of HepG2 cells using PEDF/SERPINF1 Rabbit pAb (A1673) at dilution of 1:300 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.