

SERPINH1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16190**Specification**

SERPINH1 antibody - C-terminal region - Product Information

Application	WB, IP
Primary Accession	P50454
Other Accession	NM_001235 , NP_001226
Reactivity	Human, Mouse, Rat, Pig, Horse, Dog
Predicted	Human, Mouse, Rat, Pig, Horse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46kDa KDa

SERPINH1 antibody - C-terminal region - Additional Information**Gene ID 871**

Alias Symbol	CBP1, CBP2, OI10, gp46, AsTP3, HSP47, PIG14, PPRM, RA-A47, SERPINH2
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Other Names

Serpin H1, 47 kDa heat shock protein, Arsenic-transactivated protein 3, AsTP3, Cell proliferation-inducing gene 14 protein, Collagen-binding protein, Colligin, Rheumatoid arthritis-related antigen RA-A47, SERPINH1, CBP1, CBP2, HSP47, SERPINH2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-SERPINH1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

SERPINH1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

SERPINH1 antibody - C-terminal region - Protein Information

Name SERPINH1

Synonyms CBP1, CBP2, HSP47, SERPINH2

Function

Binds specifically to collagen. Could be involved as a chaperone in the biosynthetic pathway of collagen.

Cellular Location

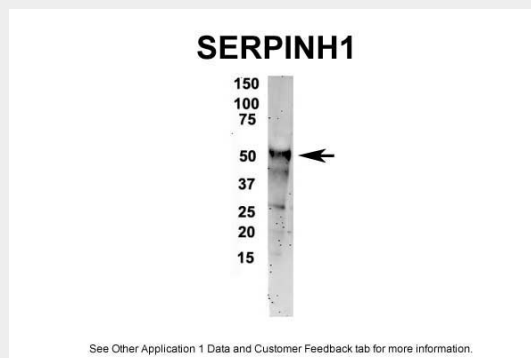
Endoplasmic reticulum lumen.

SERPINH1 antibody - C-terminal region - Protocols

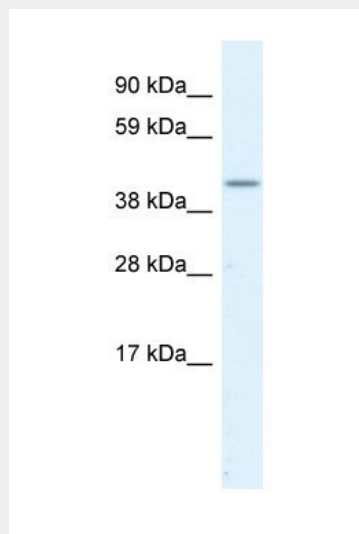
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SERPINH1 antibody - C-terminal region - Images



Amount and Sample Type : 500 ug mouse brain homogenate Amount of IP Antibody : 6 ug
Primary Antibody : SERPINH1
Primary Antibody Dilution : 1:500
Secondary Antibody : Goat anti-rabbit Alexa-Fluor 594 Secondary Antibody Dilution : 1:5000
Gene Name : SERPINH1 Submitted by : Dr. Yuzhi Chen, University of Arkansas for Medical Science



WB Suggested Anti-SERPINH1 Antibody Titration: 1.25µg/ml
Positive Control: Placenta cell lysate

SERPINH1 antibody - C-terminal region - Background

Binds specifically to collagen. Could be involved as a chaperone in the biosynthetic pathway of collagen.

SERPINH1 antibody - C-terminal region - References

Clarke E.,et al.Biochim. Biophys. Acta 1129:246-248(1992).
Ikegawa S.,et al.Cytogenet. Cell Genet. 71:182-186(1995).
Hattori T.,et al.J. Bone Miner. Metab. 18:328-334(2000).
Wu S.-H.,et al.Submitted (SEP-2004) to the EMBL/GenBank/DDBJ databases.
Kim J.W.,et al.Submitted (MAR-2003) to the EMBL/GenBank/DDBJ databases.