

SERPINH1 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI16190

Product Information

Application	WB, IP
Primary Accession	P50454
Other Accession	NM_001235 , NP_001226
Reactivity	Human, Mouse, Rat, Pig, Dog, Horse
Predicted	Human, Mouse, Rat, Pig, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46441

Additional Information

Gene ID	871
Alias Symbol Other Names	CBP1, CBP2, OI10, gp46, AsTP3, HSP47, PIG14, PPROM, RA-A47, SERPINH2 Serp 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.

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.

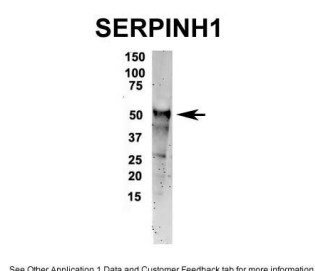
Background

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

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.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.