

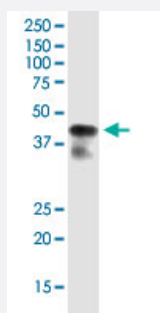
CX Grade

SERPINH1 monoclonal antibody (M01J), clone 1D2-1A6

Catalog # H00000871-M01J

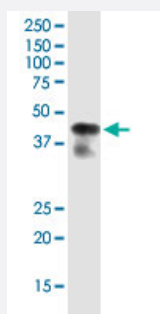
Size 100 ug

Applications



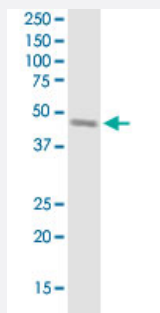
Western Blot (Tissue lysate)

SERPINH1 monoclonal antibody (M01J), clone 1D2-1A6. Western Blot analysis of SERPINH1 expression in rat brain.



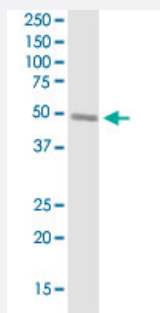
Western Blot (Tissue lysate)

SERPINH1 monoclonal antibody (M01J), clone 1D2-1A6. Western Blot analysis of SERPINH1 expression in human placenta.



Western Blot (Cell lysate)

SERPINH1 monoclonal antibody (M01J), clone 1D2-1A6. Western Blot analysis of SERPINH1 expression in MCF-7.

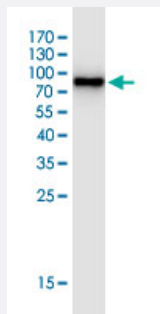
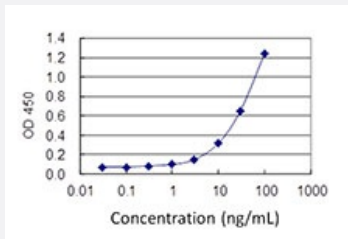


Western Blot (Cell lysate)

SERPINH1 monoclonal antibody (M01J), clone 1D2-1A6. Western Blot analysis of SERPINH1 expression in HeLa.

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SERPINH1 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (71.72 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant SERPINH1. This product is belong to Cell Culture Grade Antibody (CX Grade).

Immunogen

SERPINH1 (AAH14623.1, 1 a.a. ~ 418 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MRSLLLLSAFCLLEAALAAEVKKPAAAAAPGTAEKLSPKAATLAERSAGLAFSLYQAMAKDQAV
ENILVSPVVVASSLGLVSLGGKATTASQAKAVLSAEQLRDEEVHAGLGELLRSLSNSTARNVTWK
LGSRLYGPSSVSFADDFVRSSKQHYNCEHRSKINFRDKRSALQSINEWAAQTTDGKLPEVTKDVE
RTDGALLVNAMFFKPHWDEKFHHKMVDNRGMVTRSYTVGVMMMHRTGLYNYDDEKEKLQIV
EMPLAHKLSSLIILMPHHVEPLERLEKLLTKEQLKWMGKMQKKAVASLPKGVVEVTHDLQKHLA
GLGLTEAIDKNKADLSRMSGKKDLYLASVFHATAFELDTDGNPFDQDIYGREELRSPKLFYADHP
FIFLVRDTQSGSLLFIGRLVRPKGDKMRDEL

Host

Mouse

Reactivity

Human, Rat

Interspecies Antigen Sequence

Mouse (96)

Preparation Method

Cell Culture Production

Isotype

IgG1 Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (71.72 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

SERPINH1 monoclonal antibody (M01J), clone 1D2-1A6. Western Blot analysis of SERPINH1 expression in rat brain.

[Protocol Download](#)

- Western Blot (Tissue lysate)

SERPINH1 monoclonal antibody (M01J), clone 1D2-1A6. Western Blot analysis of SERPINH1 expression in human placenta.

[Protocol Download](#)

- Western Blot (Cell lysate)

SERPINH1 monoclonal antibody (M01J), clone 1D2-1A6. Western Blot analysis of SERPINH1 expression in MCF-7.

[Protocol Download](#)

- Western Blot (Cell lysate)

SERPINH1 monoclonal antibody (M01J), clone 1D2-1A6. Western Blot analysis of SERPINH1 expression in HeLa.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SERPINH1 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SERPINH1

Entrez GeneID	871
GeneBank Accession#	BC014623
Protein Accession#	AAH14623.1
Gene Name	SERPINH1
Gene Alias	AsTP3, CBP1, CBP2, HSP47, PIG14, PPRM, RA-A47, SERPINH2, gp46
Gene Description	serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1)
Omim ID	600943 610504
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the serpin superfamily of serine proteinase inhibitors. Its expression is induced by heat shock. The protein localizes to the endoplasmic reticulum lumen and binds collagen; thus it is thought to be a molecular chaperone involved in the maturation of collagen molecules. Autoantibodies to this protein have been found in patients with rheumatoid arthritis. [provided by RefSeq]
Other Designations	arsenic-transactivated protein 3 colligin-1 colligin-2 proliferation-inducing gene 14 rheumatoid arthritis antigen A-47 serine (or cysteine) proteinase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1) serine (or cysteine)

Disease

- [Birth Weight](#)
- [Connective Tissue Diseases](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Infection](#)
- [Inflammation](#)
- [Musculoskeletal Diseases](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Skin Diseases](#)