

GOAT ANTI-PAI1 / SERPINE1 ANTIBODY

SKU: EB06720

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias	SERPINE1 serpin E1 plasminogen activator inhibitor-1 plasminogen activator inhibitor, type I endothelial plasminogen activator inhibitor plasminogen activator inhibitor-1 serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1 plasminogen activator inhibitor, type I serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1 PLANH1 PAI-1 PAI PAI1 SERPINE1
Accession ID	NP_000593.1
Blocking Peptide	EBP06720
Immunogen	Peptide with sequence C-GFKIDDKGMAPALRH, from the internal region of the protein sequence according to NP_000593.1.
Peptide Sequence	C-GFKIDDKGMAPALRH
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Dog
Reactive Species	Human
Human Gene ID	5054
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	In paraffin embedded Human Placenta shows strong staining of cytotrophoblasts. Recommended concentration: 4-6µg/ml. A customer successfully used this product on Human Breast cancer.
ELISA Detection Limit	Antibody detection limit dilution 1:64000.
Western Blot	Approx 48kDa band observed in Human Liver and HeLa lysates, while approx. 45kDa observed in lysates of cell lines A549 and HepG2 (calculated MW of 45.1kDa according to NP_000593.1). This molecular weight is routinely observed by other sources. Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.
Application Type	Pep-ELISA, WB, IHC

SELECTED REFERENCES

[{"pmid": 23769831, "intro": "**This antibody has been successfully used in the following paper:**", "title": "Bacterial expression, purification and angiogenesis-promoting activity of human thymosin ?4.", "author": "Kozaczuk A, Selmi A, Bednarek R.", "journal": "Protein Expr Purif. 2013 Aug;90(2):142-52."}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

