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Research Use Only. Not for diagnostic or therapeutic use.

EB06720-B - Goat Anti-PAI1 / SERPINE1, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SERPINE1, serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1, PAI, PAI-1, PAI1, PLANH1, endothelial plasminogen activator inhibitor, serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen

activator inhibitor type 1), member 1, serpin E1

Official Symbol: SERPINE1

Accession Number(s): NP_000593.1

Human GeneID(s): 5054

Immunogen

Peptide with sequence C-GFKIDDKGMAPALRH., from the internal region of the protein sequence according to NP_000593.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 47kDa band observed in lysates of cell line HepG2 (calculated MW of 45.1kDa according to NP_000593.1). This molecular weight is routinely observed by other sources. See non-biotinylated parental product's datasheet for further QC data.

Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

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

Biotinylated EB06720 (0.2μg/ml) staining of HepG2 lysate (35μg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.