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Goat anti-SERPINA10 / ZPI Antibody

Item Number	dAP-1451
Target Molecule	Principle Name: SERPINA10 / ZPI; Official Symbol: SERPINA10 ; All Names and Symbols: SERPINA10 ; ZPI; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 10 ; PZI; protein Z-dependent protease inhibitor; protein Z-dependent protease inhibitorprecursor; serine (or cysteine) protein-ase inhibitor, clade A (alph; Accession Number (s): NP_001094077.1; NP_057270.1; Human Gene ID(s): 51156; Non-Human GeneID(s):
Immunogen	QSPETPAPQNQTSR, is from N Terminus (near) This antibody is expected to recognize the isoforms (NP_001094077.1; NP_057270.1) that are shwoing 100% sequence identity.
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx 65kDa band observed in Human Liver lysates (calculated MW of 50.7kDa according to NP_057270.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Han et al, jBlood. 2000 Nov 1;96(
IHC	
Reference	Reference(s): Corral J, González-Conejero R, Soria JM, González-Porras JR, Pérez-Ceballos E, Lecumberri R, Roldán V, Souto JC, Miñano A, Hernández-Espinosa D, Alberca I, Fontcuberta J, Vicente V. A nonsense polymorphism in the protein Z-dependent protease inhibitor increases the risk for venous throm-

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only