

## Goat anti-Plasminogen Activator / PLAU Antibody

<b>Item Number</b>	dAP-0735
<b>Target Molecule</b>	Principle Name: Plasminogen Activator / PLAU; Official Symbol: PLAU; All Names and Symbols: PLAU; plasminogen activator, urokinase; HGNC:9052; ATF; UPA; URK; u-PA ; U-plasminogen activator; antagonist of uPA; plasminogen activator, urinary; urokinase plasminogen activator; urokinase-type plasminogen activator amino-terminal; urokinase-type plasm; Accession Number (s): NP_002649.1; NP_001138503.1; Human Gene ID(s): 5328; Non-Human GeneID(s):
<b>Immunogen</b>	HFLPWIRSHTKEEN, is from C Terminus This antibody is expected to recognise both reported isoforms.
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 8000.
<b>Western Blot</b>	Western Blot: Approx 48kDa band observed in lysates of human kidney fibroblast cell line HEK293 (calculated MW of 48.5kDa according to NP_002649.1). Recommended concentration: 0.3-1.0µg/ml. Primary incubation was 1 hour. A minor band was also consist
<b>IHC</b>	
<b>Reference</b>	Reference(s): Morgan H, Hill PA. Human breast cancer cell-mediated bone collagen degradation requires plasminogen activation and matrix metalloproteinase activity. Cancer Cell Int. 2005 Feb 08;5(1):1. .PMID: 15701164 ->

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**