



Anti-PLAU polyclonal antibody [Biotin] (DPABY-561)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	u-Plasminogen Activator (uPA) is a serine protease that converts plasminogen to plasmin, with roles in a variety of normal and pathological processes that include cell migration and tissue destruction. uPA is a potent marker of invasion and metastasis in a variety of human cancers including breast, stomach, colon, bladder, ovarian, brain, and endometrium.
Specificity	Detects human u-Plasminogen Activator in ELISAs and Western blots. In sandwich immunoassays, less than 0.2% cross-reactivity with rhThrombin, rhPlasminogen and htPA is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human uPA . Ser21-Leu432 Accession Number P00749
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None

Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
	12 months from date of receipt, -20 to -70 °C as supplied.
	1 month, 2 to 8 °C under sterile conditions after reconstitution.
	6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	PLAU plasminogen activator, urokinase [Homo sapiens (human)]
Official Symbol	PLAU
Synonyms	PLAU; plasminogen activator, urokinase; ATF; QPD; UPA; URK; u-PA; BDPLT5; urokinase-type plasminogen activator; U-plasminogen activator; plasminogen activator, urinary;
Entrez Gene ID	5328
Protein Refseq	NP_001138503
UniProt ID	P00749
Chromosome Location	10q22.2
Pathway	ATF-2 transcription factor network; Blood Clotting Cascade; Complement and Coagulation Cascades; Complement and coagulation cascades; DNA damage response (only ATM dependent); Dissolution of Fibrin Clot; E2F transcription factor network; Endochondral Ossi
Function	protein binding; serine-type endopeptidase activity;