

Polyclonal Antibody to Kallikrein (Plasma) - Purified

Catalog No.:	BP572
Quantity:	1 ml
Concentration:	2.2 mg/ml
Background:	Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. Kallikrein 1 releases the vasoactive peptide, Lys-bradykinin, from low molecular weight kininogen. Low renal synthesis and urinary excretion of tissue kallikrein have been linked to hypertension in animals and humans and the kallikrein-kinin system may be involved in the development or progression of cardiovascular disease.
Host:	Rabbit
Immunogen:	Native Kallikrein from Human Plasma.
Format:	State: Liquid purified Ig fraction. Purification: Ammonium Sulphate Fractionation. Buffer System: PBS, pH 7.2 Preservatives: 0.09% Sodium Azid
Applications:	ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Human Plasma Kallikrein, a secreted peptidase that cleaves Lys-Arg and Arg-Ser bonds. Minimal reactivity with other Human serum proteins. Does not exhibit inhibitory effects against Human Kallikrein.
Species Reactivity:	Tested: Human.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.