

Bradykinin Polyclonal Antibody, HRP

Catalog NumberPA1-74130

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Sheep / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	ELISA (ELISA)	Assay-dependent
Immunogen	HMW Kininogen from human plasma.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	HRP		
Form	Liquid		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

PA1-74130 detects Kininogen from human samples. PA1-74130 has been successfully used in ELISA applications. The PA1-74130 immunogen is HMW Kininogen from human plasma.

Background/Target Information

Kininogen-1 (KNG1), also known as BDK or bradykinin, is a protein that in humans is encoded by the KNG1 gene. It is mapped to 3q27.3. The KNG1 gene uses alternative splicing to generate two different proteins - high - molecular - weight kininogen (HMWK) and low - molecular- weight kininogen (LMWK). HMWK is essential for blood coagulation and assembly of the kallikrein-kinin system. Also, KNG1, a peptide causing numerous physiological effects, is released from HMWK. In contrast to HMWK, LMWK is not involved in blood coagulation. In addition to that, KNG1 is a constituent of the blood coagulation system as well as the kinin-kallikrein system.

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