

## Cleaved-Plasma Kallikrein HC (R390) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP01961
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human KLKB1. AA range:341-390
<b>Mol wt</b>	71370
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Cleaved-Plasma Kallikrein HC (R390) Antibody
<b>Synonyms</b>	KLKB1; KLK3; Plasma kallikrein; Fletcher factor; Kininogenin; Plasma prekallikrein

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

KLKB1 encodes a glycoprotein that participates in the surface-dependent activation of blood coagulation, fibrinolysis, kinin generation and inflammation. The encoded preproprotein present in plasma as a non-covalent complex with high molecular weight kininogen undergoes proteolytic processing mediated by activated coagulation factor XII to generate a disulfide-linked, heterodimeric serine protease comprised of heavy and light chains. Certain mutations in KLKB1 cause prekallikrein deficiency. Alternative splicing results in multiple transcript variants encoding different isoforms.

### Recommended Dilution

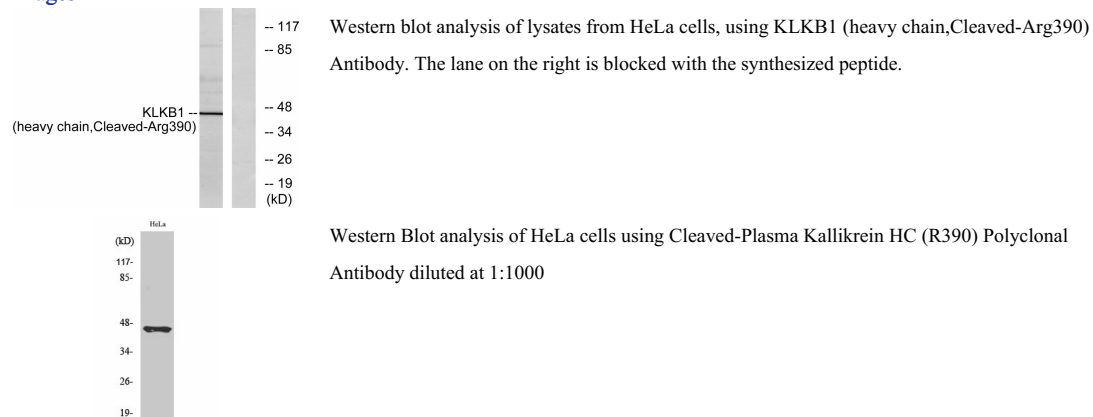
WB: 1: 500 - 1: 2000

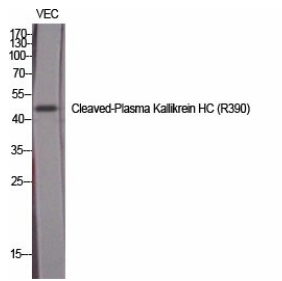
IHC: 1: 100 - 1: 300

ELISA: 1: 10000

Not yet tested in other applications.

### Images





Western Blot analysis of various cells using Cleaved-Plasma Kallikrein HC (R390) Polyclonal  
Antibody diluted at 1:1000

### Storage

-20°C for one year

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