

Anti-KLKB1 Antibody (4T234)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4T234
Purification:	Affinity-chromatography

Applications

Verified Activity:	IHC image of TMAH-00672 diluted at 1:100 and staining in paraffin-embedded human liver tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.
Application:	ELISA, IHC
Recommended	IHC:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human KLKB1
Antigen Species:	Human
Gene ID:	3818
Uniprot ID:	P03952
Synonyms:	Fletcher factor;KLK3;Plasma kallikrein;PKK;Kininogenin;KLKB1
Biology Area:	Cancer, Cardiovascular, Cell biology, Signal transduction

Research Background

The enzyme cleaves Lys-Arg and Arg-Ser bonds. It activates, in a reciprocal reaction, factor XII after its binding to a negatively charged surface. It also releases bradykinin from HMW kininogen and may also play a role in the renin-angiotensin system by converting prorenin into renin.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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