

Datasheet for ABIN652197
anti-Kallikrein 7 antibody (AA 67-97)

3 Images

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Overview

Quantity:	400 µL
Target:	Kallikrein 7 (KLK7)
Binding Specificity:	AA 67-97
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kallikrein 7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This Kallikrein 7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 67-97 amino acids from the Central region of human Kallikrein 7.
Clone:	RB6117
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Kallikrein 7 (KLK7)
Abstract:	KLK7 Products
Background:	Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing

Target Details

evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. The KLK7 enzyme is thought to be involved in the proteolysis of intercellular cohesive structures preceding desquamation, which is the shedding of the outermost layer of the epidermis.

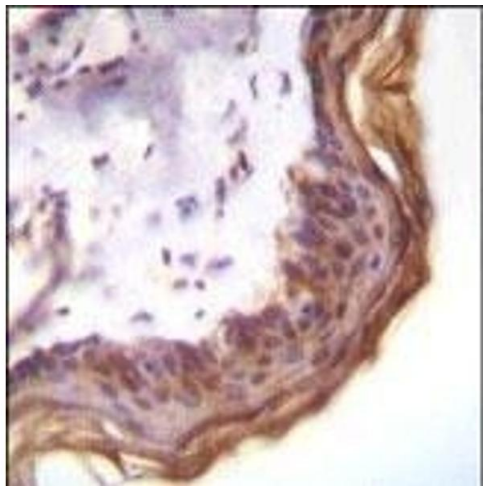
Molecular Weight:	27525
Gene ID:	5650
NCBI Accession:	NP_001193982 , NP_001230055 , NP_005037 , NP_644806
UniProt:	P49862
Pathways:	Complement System

Application Details

Application Notes:	WB: 1:1000. WB: 1:2000. IHC-P: 1:10~50
Restrictions:	For Research Use only

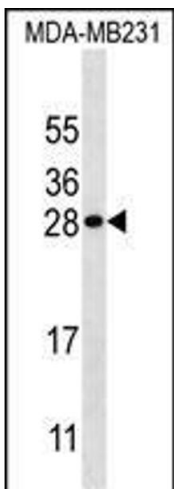
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



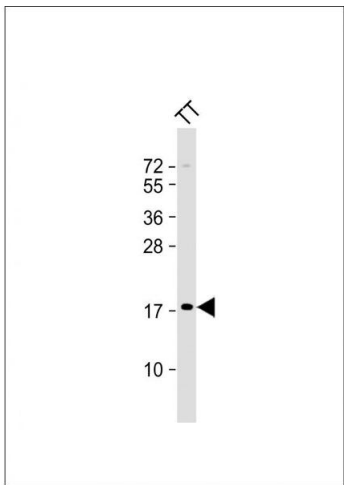
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Kallikrein 7(KLK7) Antibody (Center) (ABIN652197 and ABIN2840743) immunohistochemistry analysis in formalin fixed and paraffin embedded human skin tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Kallikrein 7(KLK7) Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. KLK7 Antibody (S82) (ABIN652197 and ABIN2840743) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the KLK7 antibody detected the KLK7 protein (arrow).



Western Blotting

Image 3. Anti-KLK7-S82 at 1:2000 dilution + TT whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 28 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.