

Datasheet for ABIN1536788  
**anti-Kallikrein 2 antibody (C-Term)**[Go to Product page](#)[1 Image](#)[1 Publication](#)

## Overview

Quantity:	400 µL
Target:	Kallikrein 2 (KLK2)
Binding Specificity:	AA 166-197, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kallikrein 2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This Kallikrein 2 (KLK2) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 166-197 amino acids from the C-terminal region of human Kallikrein 2 (KLK2).
Clone:	RB06101
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	Kallikrein 2 (KLK2)
Abstract:	<a href="#">KLK2 Products</a>

## Target Details

Background:	Kallikreins are a group of serine proteases manifesting diverse physiological functions. The glandular kallikreins are a distinct group of serine proteases with an ability to release vasoactive peptides from kininogen in vitro, although the kininogenase activity of different kallikreins is highly variable. Glandular kallikreins cleave Met-Lys and Arg-Ser bonds in kininogen to release Lys-bradykinin. Many kallikrein genes are differentially expressed in various malignancies. Human glandular kallikrein (hK2, encoded by the KLK2 gene) is an emerging tumor marker for prostate cancer.
Molecular Weight:	28671
Gene ID:	3817
NCBI Accession:	<a href="#">NP_001002231</a> , <a href="#">NP_001243009</a> , <a href="#">NP_005542</a>
UniProt:	<a href="#">P20151</a>
Pathways:	<a href="#">Complement System</a>

## Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

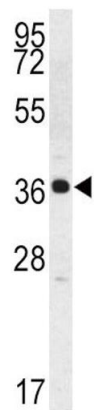
## Handling

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

## Publications

Product cited in:	Zhang, Xu, Lu, Liu, Liu, Ji, Liu, Ouyang, He: "VASP activation via the Gα13/RhoA/PKA pathway
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mediates cucurbitacin-B-induced actin aggregation and cofilin-actin rod formation." in: **PLoS ONE**, Vol. 9, Issue 4, pp. e93547, (2014) ([PubMed](#)).



**Western Blotting**

**Image 1.** Western blot analysis of Kallikrein 2 (KLK2) Antibody (C-term) (ABIN1536788 and ABIN2840737) in K562 cell line lysates (35 µg/lane). KLK2 (arrow) was detected using the purified Pab.