

# Kallikrein 1 Polyclonal antibody

Catalog Number: 10815-1-AP

3 Publications

## Basic Information

## Catalog Number:

10815-1-AP

## Size:

300 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG1119

## GenBank Accession Number:

BC005313

## GeneID (NCBI):

3816

## UNIPROT ID:

P06870

## Full Name:

kallikrein 1

## Calculated MW:

29 kDa

## Observed MW:

45-50 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

## Applications

## Tested Applications:

IHC, IP, WB, ELISA

## Cited Applications:

WB, IHC

## Species Specificity:

human

## Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Positive Controls:

WB : A375 cells, BxPC-3 cells

IP : BxPC-3 cells,

IHC : human pancreas cancer tissue,

## Background Information

KLK1 (tissue kallikrein 1) is a member of the tissue kallikrein family of serine proteases and is the primary kinin-generating enzyme in human airways. It is involved in the control of ionic transport in the renal tubule, an action that may not be kinin-mediated. This protein has 2 isoforms produced by alternative splicing.

## Notable Publications

Author	Pubmed ID	Journal	Application
Li Yajuan Y	23935844	PLoS One	WB
Yu Hui-Zhen HZ	21959973	Mol Cell Biochem	WB
Cerutti Janete MJM	20926528	J Clin Endocrinol Metab	IHC

## Storage

## Storage:

Store at -20°C. Stable for one year after shipment.

## Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

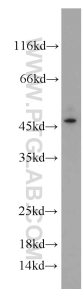
For technical support and original validation data for this product please contact:

T: 4006900926

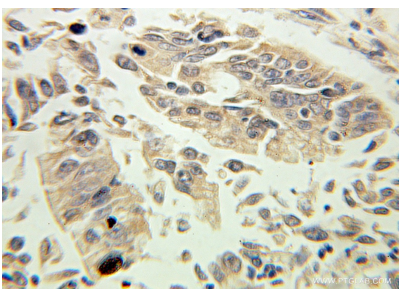
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

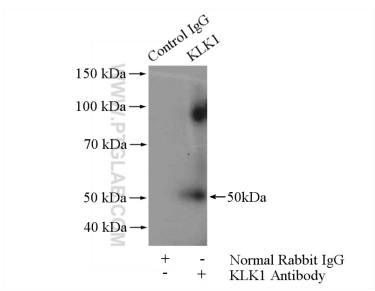
Selected Validation Data



A375 cells were subjected to SDS PAGE followed by western blot with 10815-1-AP (Kallikrein 1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 10815-1-AP (Kallikrein 1 antibody) at dilution of 1:100 (under 40x Lens).



IP result of anti-Kallikrein 1 (IP:10815-1-AP, 4ug; Detection:10815-1-AP 1:500) with BxPC-3 cells lysate 1520ug.