

For Research Use Only

Kallikrein 2 Polyclonal antibody

Catalog Number: 10812-1-AP

2 Publications



Basic Information

Catalog Number:

10812-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1077

GenBank Accession Number:

BC005196

GeneID (NCBI):

3817

UNIPROT ID:

P20151

Full Name:

kallikrein-related peptidase 2

Calculated MW:

28 kDa

Observed MW:

29 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:20-1:200

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

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 : mouse pancreas tissue,

IHC : human prostate cancer tissue,

Background Information

KLK2(Kallikrein-2) is also named as hGK-1 and belongs to the Kallikrein subfamily. It plays a role in prostate cancer susceptibility and this role may be realized at least in part by the induction of increases in its production. It also may mediate tumor growth and invasion by participating in proteolytic cascades. This protein has 4 isoforms produced by alternative splicing with the molecular weight of 29 kDa, 25 kDa, 18 kDa and 17 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Shuai Ma	35939916	J Photochem Photobiol B	IHC, WB
Miki Naito	36583514	Cancer Med	WB

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:

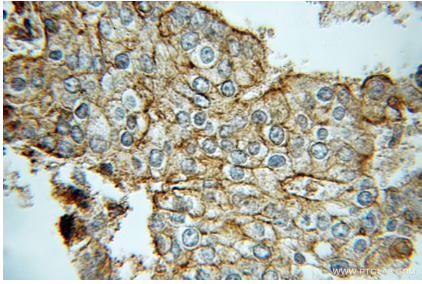
T: 4006900926

E: Proteintech-CN@ptglab.com

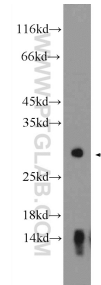
W: ptgcn.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 10812-1-AP (Kallikrein 2 antibody) at dilution of 1:100 (under 10x lens).



mouse pancreas tissue were subjected to SDS PAGE followed by western blot with 10812-1-AP (Kallikrein 2 antibody at dilution of 1:300 incubated at room temperature for 1.5 hours.