

For Research Use Only

Kallikrein 11 Polyclonal antibody

Catalog Number: 12698-1-AP



Basic Information

Catalog Number: 12698-1-AP	GenBank Accession Number: BC022068	Purification Method: Antigen affinity purification
Size: 700 µg/ml	GeneID (NCBI): 11012	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200 IF/ICC 1:10-1:100
Source: Rabbit	UNIPROT ID: Q9UBX7	
Isotype: IgG	Full Name: kallikrein-related peptidase 11	
Immunogen Catalog Number: AG3427	Calculated MW: 250 aa, 27 kDa Observed MW: 30-40 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

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 : MCF7 cells, HeLa cells, PC-3 cells, Y79 cells

IHC : human prostate cancer tissue, human brain tissue

IF/ICC : PC-3 cells,

Background Information

KLK11(Kallikrein-11) is also named as PRSS20, TLSP and belongs to the peptidase S1 family and Kallikrein subfamily. It is a multifunctional protease cleaving several substrates for kallikrein and trypsin and involved in normal physiology processes in bronchus. This full length protein has a signal peptide, a propeptide and four glycosylation sites. It has 4 isoforms produced by alternative splicing with the molecular weight of 31 kDa, 27 kDa, 34 kDa and 30 kDa.

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:

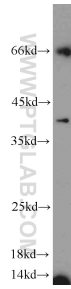
T: 4006900926

E: Proteintech-CN@ptglab.com

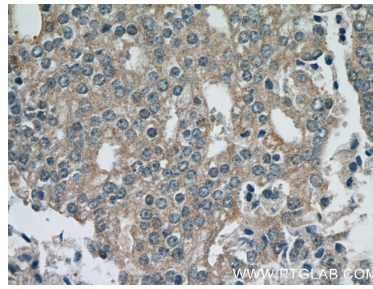
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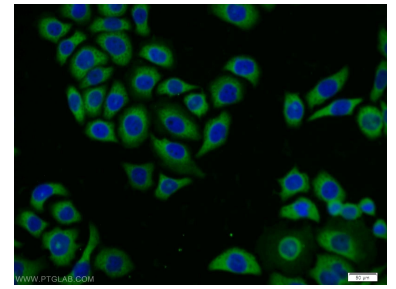
Selected Validation Data



MCF7 cells were subjected to SDS PAGE followed by western blot with 12698-1-AP (Kallikrein 11 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 12698-1-AP (Kallikrein 11 antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of PC-3 cells using 12698-1-AP (Kallikrein 11 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).