

# Kallikrein 11 Polyclonal antibody

Catalog Number: 12698-1-AP

## Basic Information

<b>Catalog Number:</b> 12698-1-AP	<b>GenBank Accession Number:</b> BC022068	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 700 ug/ml by Nanodrop and 480 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 11012	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UBX7	<b>IHC 1:20-1:200</b>
<b>Isotype:</b> IgG	<b>Full Name:</b> kallikrein-related peptidase 11	<b>IF/ICC 1:10-1:100</b>
<b>Immunogen Catalog Number:</b> AG3427	<b>Calculated MW:</b> 250 aa, 27 kDa	
	<b>Observed MW:</b> 30-40 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> MCF7 cells, HeLa cells, PC-3 cells, Y79 cells
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human prostate cancer tissue, human brain tissue
	<b>IF/ICC :</b> 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

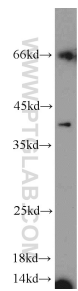
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

**\*\*\* 20ul sizes contain 0.1% BSA**

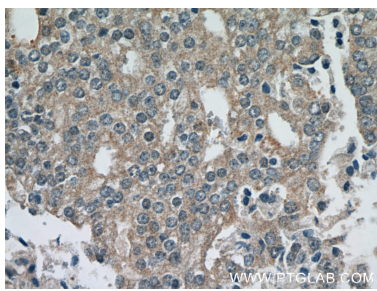
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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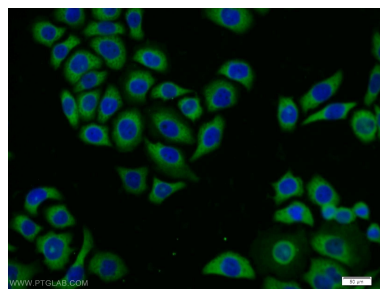
Selected Validation Data



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).