

For Research Use Only

TMPRSS4 Polyclonal antibody

Catalog Number: 11283-1-AP

Featured Product

23 Publications



Basic Information

Catalog Number: 11283-1-AP	GenBank Accession Number: BC011703	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 56649	Recommended Dilutions: WB: 1:500-1:2000 IHC: 1:100-1:400
Source: Rabbit	UNIPROT ID: Q9NRS4	
Isotype: IgG	Full Name: transmembrane protease, serine 4	
Immunogen Catalog Number: AG1804	Calculated MW: 48 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : SW 1990 cells, BxPC-3 cells, mouse stomach tissue IHC : human pancreas cancer tissue, human colon tissue, human colon cancer tissue, human stomach cancer tissue
Cited Applications: WB, IHC, IF	
Species Specificity: human, rat, mouse	
Cited Species: human, mouse	

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

Background Information

TMPRSS4, also named as CAPH2 and MT-SP2, belongs to the peptidase S1 family. TMPRSS4 is a novel type II transmembrane serine protease that is highly expressed on the cell surface in pancreatic, thyroid and other cancer tissues. It promotes invasion, migration and metastasis of human tumor cells by facilitating an epithelial-mesenchymal transition(EMT)(PMID:20118200).

Notable Publications

Author	Pubmed ID	Journal	Application
Samar Rezq	34575910	Int J Mol Sci	WB
Milica Momcilovic	31666695	Nature	WB
Qin Zhang	33022277	Gastroenterology	WB

Storage

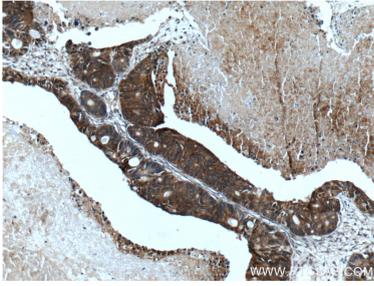
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

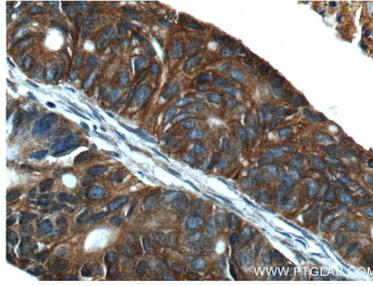
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

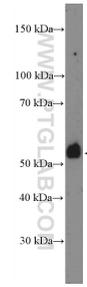
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 11283-1-AP (TMPRSS4 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 11283-1-AP (TMPRSS4 Antibody) at dilution of 1:200 (under 40x lens).



SW 1990 cells were subjected to SDS PAGE followed by western blot with 11283-1-AP (TMPRSS4 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.