

For Research Use Only

CTAGE5 Polyclonal antibody

Catalog Number: 55279-1-AP



Basic Information

Catalog Number: 55279-1-AP	GenBank Accession Number: NM_005930	Purification Method: Antigen affinity purification
Size: 300 µg/ml	GeneID (NCBI): 4253	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q96PC5	
Isotype: IgG	Full Name: CTAGE family, member 5	
	Calculated MW: 92 kDa	
	Observed MW: 100-110 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

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 : human testis tissue, human brain tissue

IHC : human prostate cancer tissue,

Background Information

Cutaneous T cell lymphoma-associated antigen 5 (CTAGE5) is a member of the cTAGE family. CTAGE5 is a tumor-associated antigen and is overexpressed in various cancer cell lines. CTAGE5 consists of a signal anchor motif, a single transmembrane domain, two coiled-coil motifs, and a proline-rich domain (PRD) from the N-terminus. CTAGE5 interacts with TANGO1 through its second coil region to form a cargo receptor complex (PMID: 21525241). This antibody is specific to CTAGE5. It can recognize all the isoforms except isoform 5B.

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:

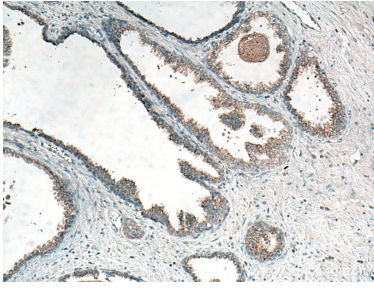
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E: Proteintech-CN@ptglab.com

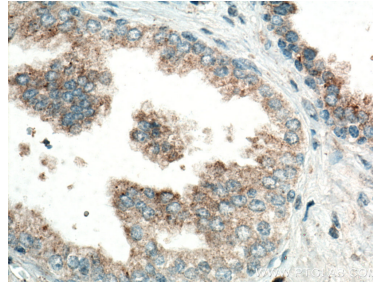
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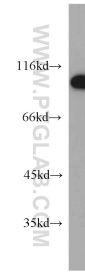
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 55279-1-AP (CTAGE5 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 55279-1-AP (CTAGE5 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



human testis tissue were subjected to SDS PAGE followed by western blot with 55279-1-AP (CTAGE5 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.