

For Research Use Only

STEAP1 Polyclonal antibody

Catalog Number: 20199-1-AP **2 Publications**



Basic Information

Catalog Number: 20199-1-AP	GenBank Accession Number: BC011802	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 200 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 26872	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9UHE8	
Isotype: IgG	Full Name: six transmembrane epithelial antigen of the prostate 1	
Immunogen Catalog Number: AG14134	Calculated MW: 339 aa, 40 kDa	
	Observed MW: 38-40 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : A431 cells, DU 145 cells
Cited Applications: WB, IHC	IHC : human prostate cancer tissue,
Species Specificity: human	
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

Notable Publications

Author	Pubmed ID	Journal	Application
Dong Zhang	36316642	Cancer Biol Ther	WB
Yue Zhu	35436987	Cell Death Dis	IHC

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

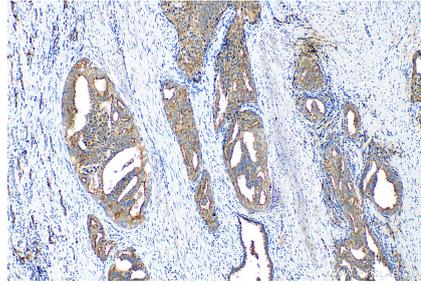
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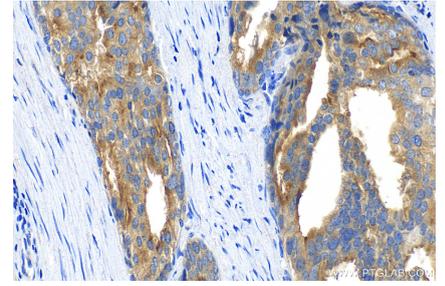
Selected Validation Data



A431 cells were subjected to SDS PAGE followed by western blot with 20199-1-AP (STEAP1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 20199-1-AP (STEAP1 antibody) at dilution of 1:200 (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 20199-1-AP (STEAP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).