

For Research Use Only

STEAP2 Polyclonal antibody

Catalog Number: 24804-1-AP



Basic Information

Catalog Number: 24804-1-AP	GenBank Accession Number: BC148824	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop;	GeneID (NCBI): 261729	Recommended Dilutions: WB 1:800-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8NFT2	
Isotype: IgG	Full Name: six transmembrane epithelial antigen of the prostate 2	
Immunogen Catalog Number: AG20293	Calculated MW: 490 aa, 56 kDa	
	Observed MW: 56 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : DU 145 cells, HEK-293T cells, U2OS cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human colon cancer tissue,

Background Information

STEAP2, also named as PCANAP1 and STAMP1, belongs to the STEAP family. It is a metalloredutase that has the ability to reduce both Fe³⁺ to Fe²⁺ and Cu²⁺ to Cu¹⁺. STEAP2 uses NAD⁺ as acceptor.

Storage

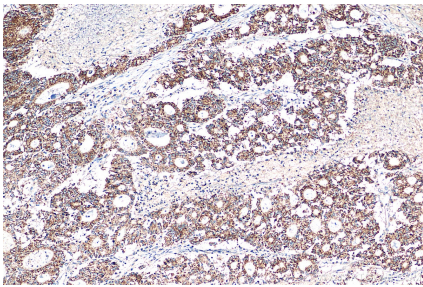
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

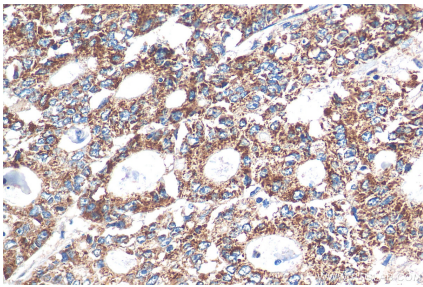
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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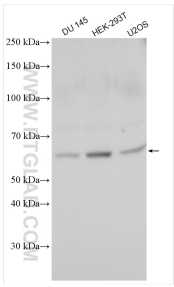
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 24804-1-AP (STEAP2 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 colon cancer tissue slide using 24804-1-AP (STEAP2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 24804-1-AP (STEAP2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.