

For Research Use Only

STEAP2 Polyclonal antibody

Catalog Number: 24804-1-AP



Basic Information

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| Catalog Number: 24804-1-AP | GenBank Accession Number: BC148824 | Purification Method: Antigen affinity purification |
| Size: 550 µg/ml | 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

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| Tested Applications: IHC, WB, 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

For technical support and original validation data for this product please contact:

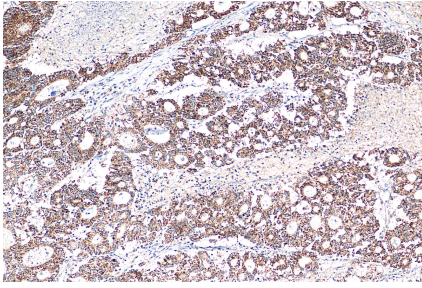
T: 4006900926

E: Proteintech-CN@ptglab.com

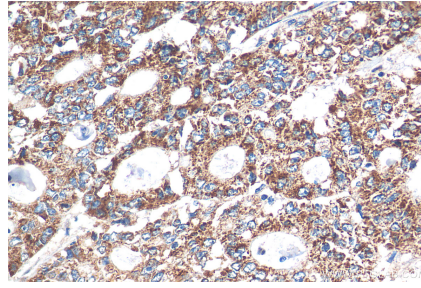
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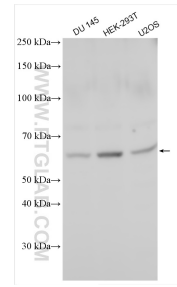
Selected Validation Data



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.