

USP10 Rabbit pAb

Catalog Number: bs-9267R

Target Protein: USP10

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:50-200)

Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Chicken, Dog, Horse)

Predicted MW: 87 kDa

Entrez Gene: 9100

Swiss Prot: Q14694

Source: KLH conjugated synthetic peptide derived from human USP10: 461-560/798.

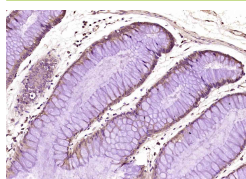
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Ubiquitin is a highly conserved protein that is covalently linked to other proteins to regulate their function and degradation. This gene encodes a member of the ubiquitin-specific protease family of cysteine proteases. The enzyme specifically cleaves ubiquitin from ubiquitin-conjugated protein substrates. The protein is found in the nucleus and cytoplasm. It functions as a co-factor of the DNA-bound androgen receptor complex, and is inhibited by a protein in the Ras-GTPase pathway. The human genome contains several pseudogenes similar to this gene. Several transcript variants, some protein-coding and others not protein-coding, have been found for this gene. [provided by RefSeq, Jan 2013].

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (USP10) Polyclonal Antibody, Unconjugated (bs-9267R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=34.915] Ma, Zhi-Qiang. et al. Melatonin inhibits ESCC tumor growth by mitigating the HDAC7/ β -catenin/c-Myc positive feedback loop and suppressing the USP10-maintained HDAC7 protein stability. MILITARY MED RES. 2022 Dec;9(1):1-19 IHC ; Human . 36163081