

SUMO-conjugating enzyme UBC9 Polyclonal Antibody

Catalog No: #42105

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Description

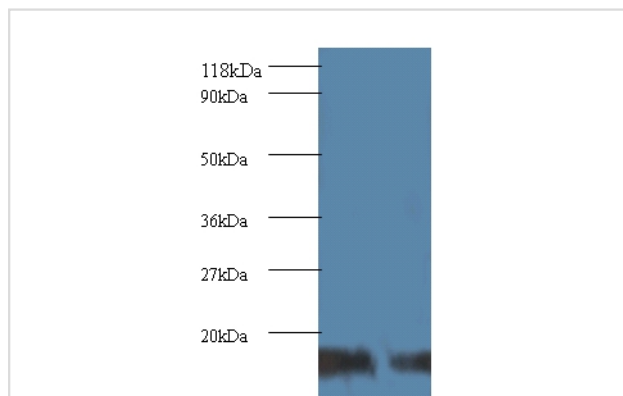
Product Name	SUMO-conjugating enzyme UBC9 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total SUMO-conjugating enzyme UBC9 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human SUMO-conjugating enzyme UBC9 protein
Target Name	SUMO-conjugating enzyme UBC9
Other Names	UBE2I, UBC9, UBCE9, SUMO-protein ligase, Ubiquitin carrier protein 9, Ubiquitin carrier protein I, Ubiquitin-conjugating enzyme E2 I, Ubiquitin-protein ligase I, p18
Accession No.	Swiss-Prot#: P63279
Uniprot	P63279
GeneID	7329;
Calculated MW	17.4kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: □ 1:500 - 1:1000

Immunohistochemistry: 1:20 - 1:200

Images



All lanes : SUMO-conjugating enzyme UBC9 antibody at 2ug/ml

Lane 1 : 293T whole cell lysate

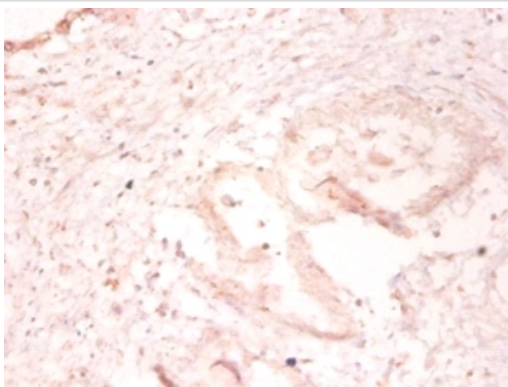
Lane 2 : EC109 whole cell lysate

Secondary

Goat polyclonal to Rabbit IgG at 1/15000 dilution

Predicted band size : 17.4kDa

Observed band size: 17.4kDa



Immunohistochemical analysis of paraffin-embedded human prostate using #42105 at dilution of 1:50.

Background

Accepts the ubiquitin-like proteins SUMO1, SUMO2, SUMO3 and SUMO4 from the UBLE1A-UBLE1B E1 complex and catalyzes their covalent attachment to other proteins with the help of an E3 ligase such as RANBP2 or CBX4. Necessary for sumoylation of FOXL2 and KAT5. Essential for nuclear architecture and chromosome segregation

References

[1]"Identification of the structural and functional human homolog of the yeast ubiquitin conjugating enzyme UBC9."Yasugi T., Howley P.M.Nucleic Acids Res. 24:2005-2010(1996) [2]"Assignment of the gene for a ubiquitin-conjugating enzyme (UBE2I) to human c

Note: This product is for in vitro research use only