Product Name: **SUMO Conjugating Enzyme UBC9 Rabbit Polyclonal Antibody**
Catalog #: **APRab00066**
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,FC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 18 kDa; Observed MW: 18 kDa

Antigen Information

Gene Name	UBE2I
Alternative Names	UBE2I; UBC9; UBCE9; SUMO-conjugating enzyme UBC9; SUMO-protein ligase; Ubiquitin carrier protein 9; Ubiquitin carrier protein I; Ubiquitin-conjugating enzyme E2 I; Ubiquitin-protein ligase I; p18
Gene ID	7329
SwissProt ID	P63279
Immunogen	A synthetic peptide of human UBE2I/UBC9

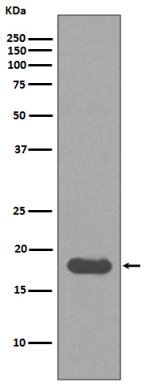
Background

The process of SUMO-1 conjugation is similar to that seen with ubiquitin and other forms of post-translational protein modification. Like ubiquitin, SUMO-1 is conjugated to its target protein by the coordinated action of ubiquitin conjugation enzymes E1, E2 and E3. Ubc9 (or ube2M) is a highly conserved, 158 amino acid protein that acts as a SUMO-1 conjugating enzyme. Ubc9 binds to target proteins through their SUMO-1-CS (consensus sequence) domains and interacts with SUMO via the structurally conserved amino-terminal domain.

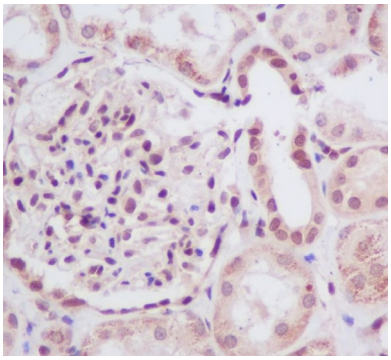
Research Area

Cell Biology

Image Data



Western blot analysis of UBE2I in HeLa lysates using SUMO Conjugating Enzyme UBC9 antibody.



Immunohistochemistry analysis of paraffin-embedded Human kidney using UBE2I antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.