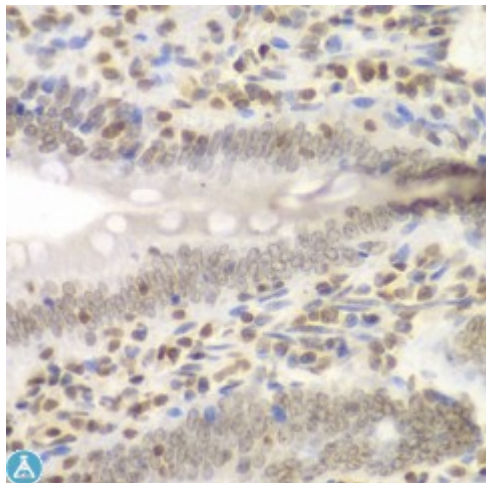


Anti-UHRF2 Antibody



Description

This gene encodes a nuclear protein which is involved in cell-cycle regulation. The encoded protein is a ubiquitin-ligase capable of ubiquitinating PCNP (PEST-containing nuclear protein), and together they may play a role in tumorigenesis. The encoded protein contains an NIRF_N domain, a PHD finger, a set- and ring-associated (SRA) domain, and a RING finger domain and several of these domains have been shown to be essential for the regulation of cell proliferation. This protein may also have a role in intranuclear degradation of polyglutamine aggregates. Alternative splicing results in multiple transcript variants some of which are non-protein coding.

Model	STJ115563
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	IHC, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 441-622 of human UHRF2 (NP_690856.1).
Gene ID	115426
Gene Symbol	UHRF2
Dilution range	WB 1:500 - 1:2000 IHC 1:50 - 1:200
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	E3 ubiquitin-protein ligase UHRF2

Molecular Weight	89.985 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:12557OMIM:615211
Alternative Names	E3 ubiquitin-protein ligase UHRF2
Function	E3 ubiquitin-protein ligase that is an intermolecular hub protein in the cell cycle network, Through cooperative DNA and histone binding, may contribute to a tighter epigenetic control of gene expression in differentiated cells, Ubiquitinates cyclins, CCND1 and CCNE1, in an apparently phosphorylation-independent manner and induces G1 arrest, Also ubiquitinates PCNP leading to its degradation by the proteasome, E3 SUMO-, but not ubiquitin-, protein ligase for ZNF131,
Cellular Localization	Nucleus,
Post-translational Modifications	May be autoubiquitinated