

**ARG59426**  
anti-UHRF2 / NIRF antibodyPackage: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes UHRF2 / NIRF
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	UHRF2 / NIRF
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 441-622 of Human UHRF2 (NP_690856.1).
Conjugation	Un-conjugated
Alternate Names	Nuclear zinc finger protein Np97; EC 6.3.2.-; Ubiquitin-like PHD and RING finger domain-containing protein 2; RING finger protein 107; Nuclear protein 97; Np95-like RING finger protein; RNF107; NIRF; URF2; Np95/ICBP90-like RING finger protein; Ubiquitin-like-containing PHD and RING finger domains protein 2; E3 ubiquitin-protein ligase UHRF2

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000

**Application Note** \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

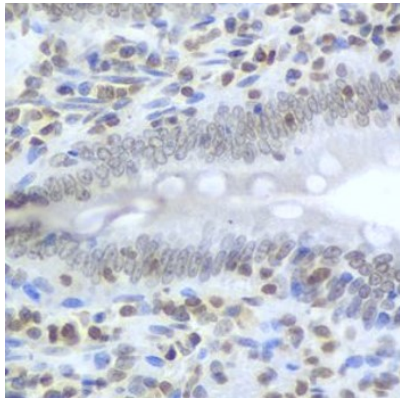
### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

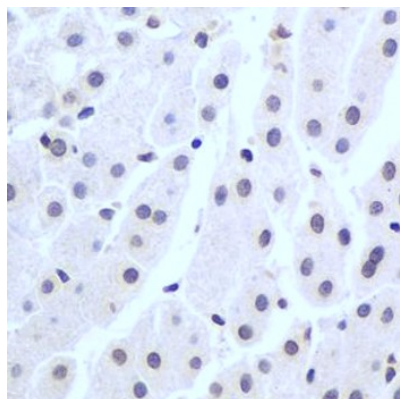
Gene Symbol	UHRF2
Gene Full Name	ubiquitin-like with PHD and ring finger domains 2, E3 ubiquitin protein ligase
Background	This gene encodes a nuclear protein which is involved in cell-cycle regulation. The encoded protein is a ubiquitin-ligase capable of ubiquitinating PCNP (PEST-containing nuclear 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. [provided by RefSeq, Feb 2012]
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. [UniProt]
Calculated Mw	90 kDa
PTM	May be autoubiquitinated; which may lead to proteasomal degradation.  Phosphorylated. Phosphorylation may be mediated by CDK2.  Autosumoylated. [UniProt]
Cellular Localization	Nucleus. Note=Enriched at pericentric heterochromatin (PH). This localization is dependent on the interaction with H3K9me3 (By similarity). [UniProt]

## Images



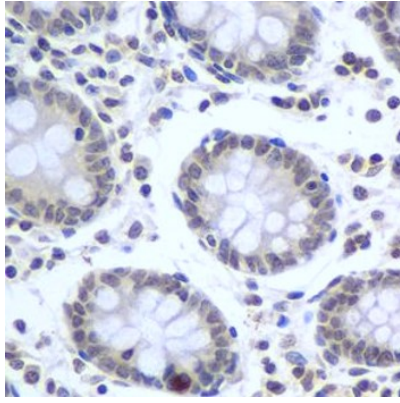
ARG59426 anti-UHRF2 / NIRF antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat intestine stained with ARG59426 anti-UHRF2 / NIRF antibody at 1:200 dilution (40x lens).



ARG59426 anti-UHRF2 / NIRF antibody IHC-P image

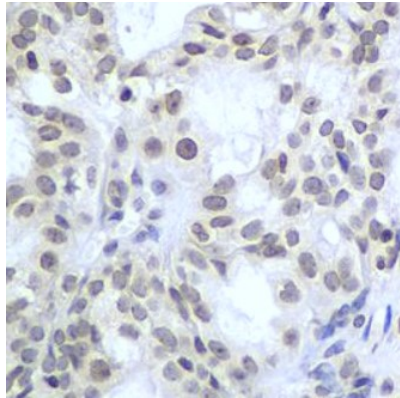
Immunohistochemistry: Paraffin-embedded Human liver cancer stained with ARG59426 anti-UHRF2 / NIRF antibody at 1:200 dilution (40x lens).



**ARG59426 anti-UHRF2 / NIRF antibody IHC-P image**

Immunohistochemistry: Paraffin-embedded Human colon stained with ARG59426 anti-UHRF2 / NIRF antibody at 1:200 dilution (40x lens).

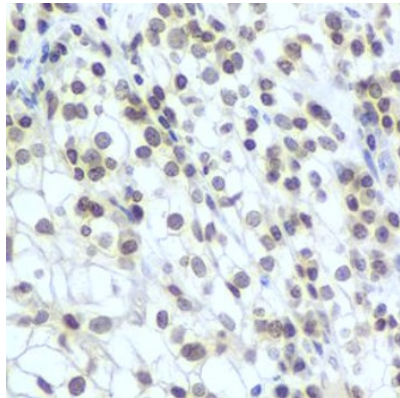
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**ARG59426 anti-UHRF2 / NIRF antibody IHC-P image**

Immunohistochemistry: Paraffin-embedded Human oophoroma stained with ARG59426 anti-UHRF2 / NIRF antibody at 1:200 dilution (40x lens).

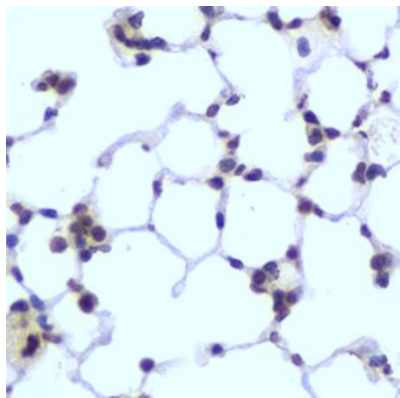
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**ARG59426 anti-UHRF2 / NIRF antibody IHC-P image**

Immunohistochemistry: Paraffin-embedded Human kidney cancer stained with ARG59426 anti-UHRF2 / NIRF antibody at 1:200 dilution (40x lens).

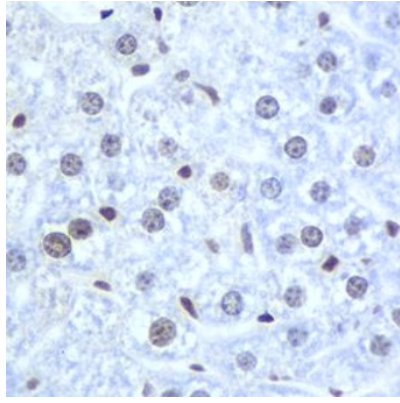
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**ARG59426 anti-UHRF2 / NIRF antibody IHC-P image**

Immunohistochemistry: Paraffin-embedded Mouse lung stained with ARG59426 anti-UHRF2 / NIRF antibody at 1:200 dilution (40x lens).

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**ARG59426 anti-UHRF2 / NIRF antibody IHC-P image**

Immunohistochemistry: Paraffin-embedded Mouse liver stained with ARG59426 anti-UHRF2 / NIRF antibody at 1:200 dilution (40x lens).