

ARG59426 anti-UHRF2 / NIRF antibody

Package: 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.	

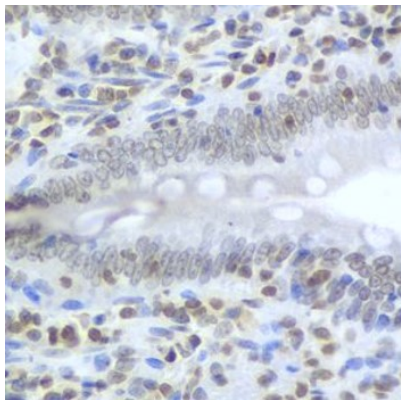
Properties

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

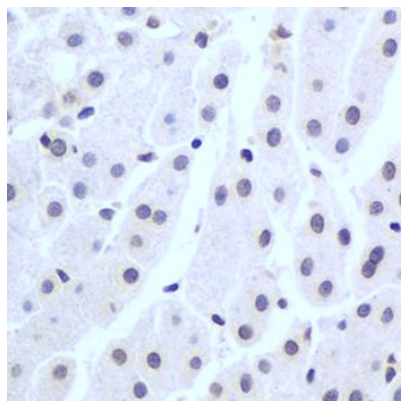
Gene Symbol	UHRF2
Gene Full Name	ubiquitin-like with PHD and ring finger domains 2, E3 ubiquitin protein ligase
Background	This gene encodes a nuclear protein which is involved in cell-cycle regulation. The encoded protein is a ubiquitin-ligase capable of ubiquitinating PCNP (PEST-containing nuclear 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



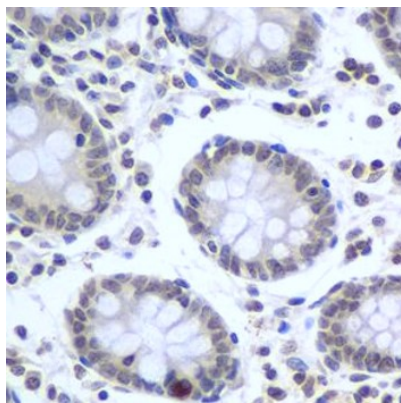
ARG59426 anti-UHRF2 / NIRF antibody IHC-P image

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



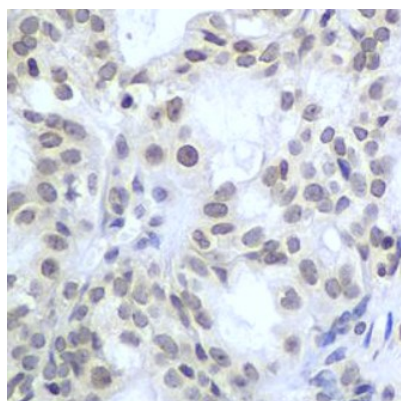
ARG59426 anti-UHRF2 / NIRF antibody IHC-P image

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



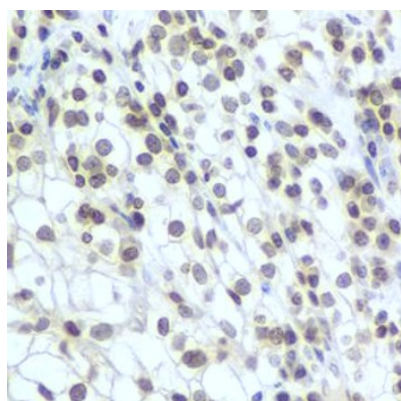
ARG59426 anti-UHRF2 / NIRF antibody IHC-P image

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



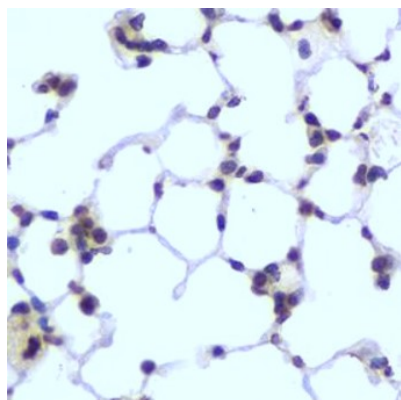
ARG59426 anti-UHRF2 / NIRF antibody IHC-P image

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



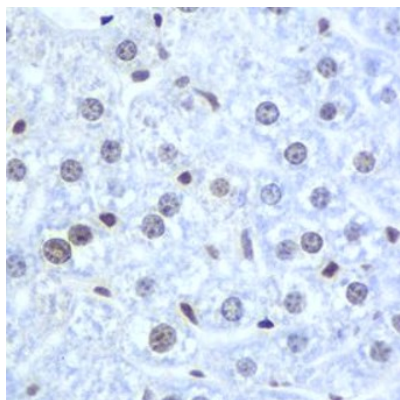
ARG59426 anti-UHRF2 / NIRF antibody IHC-P image

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



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).



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).