Datasheet for ABIN3044559

anti-UHRF2 antibody (N-Term)

4 Images

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Overview

Quantity:	100 µg
Target:	UHRF2
Binding Specificity:	AA 15-54, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UHRF2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for E3 ubiquitin-protein ligase UHRF2(UHRF2) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human NIRF (15-54aa TIEDVSRKATIEELRERVWALFDVRPECQRLFYRGKQLEN), identical to the related mouse and rat sequences.
Sequence:	TIEDVSRKAT IEELRERVWA LFDVRPECQR LFYRGKQLEN
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for E3 ubiquitin-protein ligase UHRF2(UHRF2) detection. Tested with WB, IHC-P in Human,Mouse,Rat. Gene Name: ubiquitin-like with PHD and ring finger domains 2, E3 ubiquitin protein ligase

Product Details

	Protein Name: E3 ubiquitin-protein ligase UHRF2
Purification:	Immunogen affinity purified.

Target Details

Target:	UHRF2
Alternative Name:	UHRF2 (UHRF2 Products)
Background:	E3 ubiquitin-protein ligase UHRF2 is an enzyme that in humans is encoded by the UHRF2 gene. This gene encodes a nuclear protein which is involved in cell-cycle regulation. The encoded protein is a ubiquitin-ligase capable of ubiquinating 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. Synonyms: DKFZp434B0920 antibody|DKFZp686G0837 antibody|E3 ubiquitin-protein ligase UHRF2 antibody|MGC33463 antibody|Np95 like RING finger protein antibody|Np95-like ring finger protein antibody|Np95/ICBP90 like RING finger protein antibody|Np95/ICBP90-like RING finger protein antibody|Nuclear protein 97 antibody|Nuclear zinc finger protein Np97 antibody|RING finger protein 107 antibody|RNF 107 antibody|RP11-472F14.2 antibody|Ubiquitin like containing PHD and RING finger domains protein 2 antibody|Ubiquitin-like PHD and RING finger domain-containing protein 2 antibody|Ubiquitin-like-containing PHD and RING finger domains protein 2 antibody|Uhrf2 antibody| UHRF2_HUMAN antibody|URF 2 antibody
Gene ID:	115426

Application Details

Application Notes:	WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections. Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.

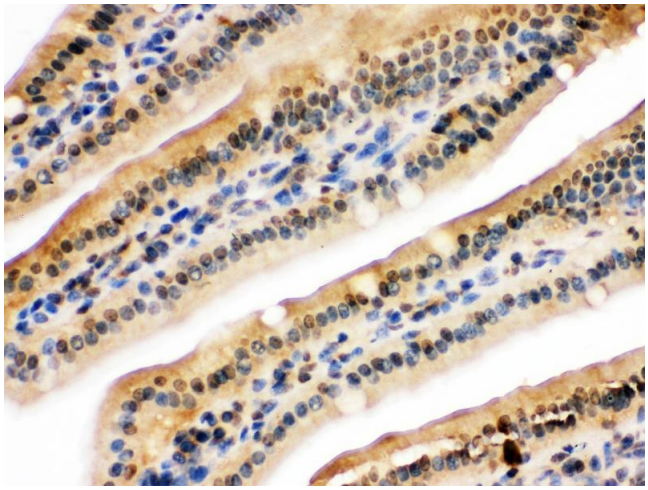
Application Details

Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).
Restrictions:	For Research Use only

Handling

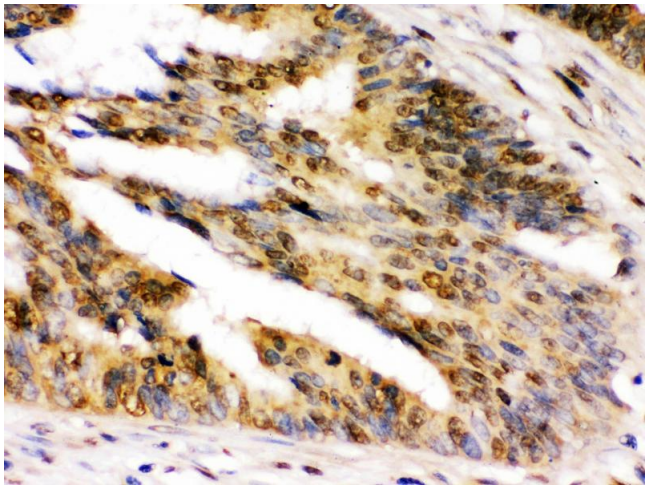
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



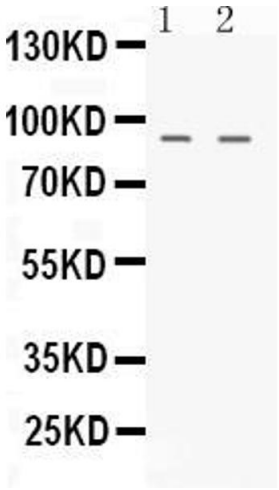
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. NIRF was detected in paraffin-embedded sections of mouse intestine tissues using rabbit anti- NIRF Antigen Affinity purified polyclonal antibody at 1 µg/mL. The immunohistochemical section was developed using SABC method



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. NIRF was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- NIRF Antigen Affinity purified polyclonal antibody at 1 µg/mL. The immunohistochemical section was developed using SABC method



Western Blotting

Image 3. Western blot analysis of NIRF expression in rat testis extract (Lane 1) and K562 whole cell lysates (Lane 2). NIRF at 90KD was detected using rabbit anti- NIRF Antigen Affinity purified polyclonal antibody (Catalog #) at0.5 ??g/mL. The blot was developed using chemiluminescence (ECL) method (Catalog # EK1002).

Please check the product details page for more images. Overall 4 images are available for ABIN3044559.