

NIRF Polyclonal Antibody | anti-NIRF antibody

Anti-NIRF Antibody

CATALOG # AAA46340	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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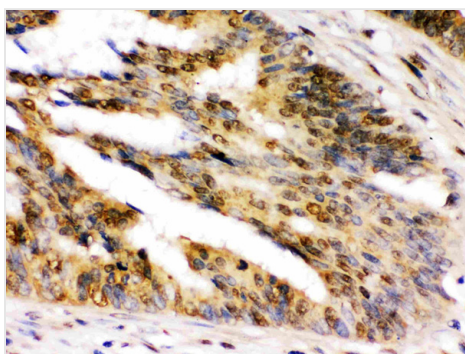
PRODUCT SYNONYMS

NIRF; Polyclonal Antibody; Anti-NIRF Antibody; E3 ubiquitin-protein ligase UHRF2; DKFZp434B0920; DKFZp686G0837; MGC33463; Np95 like RING finger protein; Np95-like ring finger protein; Np95/ICBP90 like RING finger protein; Np95/ICBP90-like RING finger protein; Nuclear protein 97; Nuclear zinc finger protein Np97; RING finger protein 107; RNF 107; RP11-472F14.2; Ubiquitin like containing PHD and RING finger domains protein 2; Ubiquitin-like PHD and RING finger domain-containing protein 2; Ubiquitin-like-containing PHD and RING finger domains protein 2; Uhrf2; UHRF2_HUMAN; URF 2; ubiquitin-like with PHD and ring finger domains 2; E3 ubiquitin protein ligase; anti-NIRF antibody

PRODUCT SPECIFICATIONS

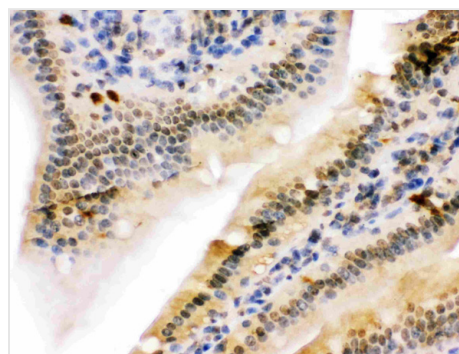
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	802
Applicable Applications for anti-NIRF antibody	IHC (Immunohistochemistry), WB (Western Blot)
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.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



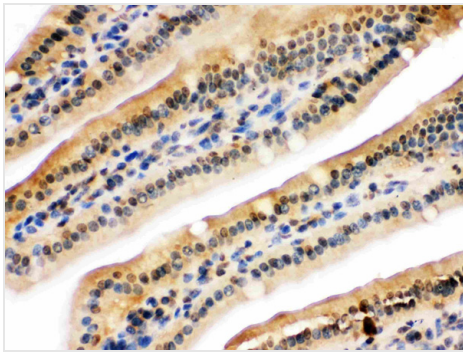
IHC (Immunohistochemistry)

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



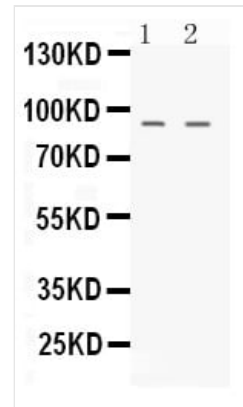
IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

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 at 0.5 ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-NIRF antibody	Description: Rabbit IgG polyclonal antibody for E3 ubiquitin-protein ligase UHRF2(UHRF2) detection. Tested with WB, IHC-P in Human;Mouse;Rat. 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 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.
References	1. "Entrez Gene: UHRF2 ubiquitin-like, containing PHD and RING finger domains, 2". 2. Mori T, Li Y, Hata H, Ono K, Kochi H (Aug 2002). "NIRF, a novel RING finger protein, is involved in cell-cycle regulation". Biochem Biophys Res Commun 296 (3): 530-6.

NCBI AND UNIPROT INFORMATION

NCBI GI #	23312364
NCBI GeneID	115426
NCBI Accession #	NP_690856.1
NCBI GenBank Nucleotide #	NM_152896.2
UniProt Accession #	Q96PU4 ; Q5VYR1 ; Q5VYR3 ; Q659C8 ; Q8TAG7
Molecular Weight	56,077 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase UHRF2
NCBI Official Synonym Full Names	ubiquitin like with PHD and ring finger domains 2
NCBI Official Symbol	UHRF2
NCBI Official Synonym Symbols	NIRF; URF2; RNF107; TDRD23
NCBI Protein Information	E3 ubiquitin-protein ligase UHRF2
UniProt Protein Name	E3 ubiquitin-protein ligase UHRF2
UniProt Gene Name	UHRF2
UniProt Synonym Gene Names	NIRF; RNF107; Np95-like RING finger protein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nirf-antibody-immunohistochemistry-western-blot-elisa/46340>