

Rabbit anti-Human NIR Polyclonal Antibody | anti-NIR antibody

Rabbit anti-NIR Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212750	Rabbit	Human	Immunohistochemistry, Western Blot

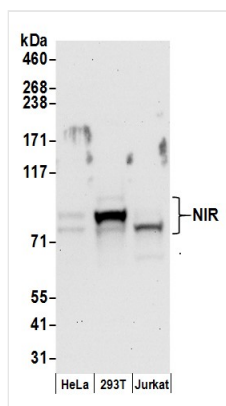
PRODUCT SYNONYMS

NIR; Polyclonal Antibody; Rabbit anti-NIR Antibody; Affinity Purified; novel INHAT (inhibitor of histone acetyltransferase) repressor; protein phosphatase 1; regulatory subunit 12; protein NOC2 homolog; PPP1R112; nucleolar complex protein 2 homolog; novel INHAT repressor; NOC2-like protein; NOC2L nucleolar associated transcriptional repressor; NET7; NET15; nucleolar complex associated 2 homolog; Nucleolar complex protein 2 homolog; NOC2 like nucleolar associated transcriptional repressor; anti-NIR antibody

PRODUCT SPECIFICATIONS

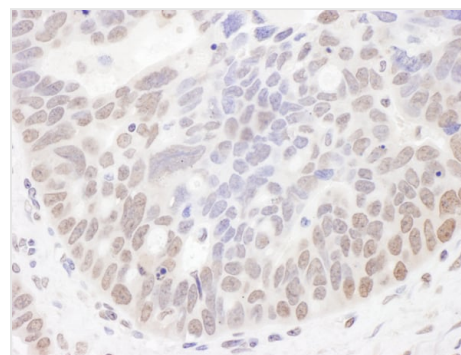
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-NIR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Between 699 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human NIR by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-NIR antibody AAA212750 (lot AAA212750-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human NIR by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-NIR (Cat. No. AAA212750 Lot1) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB. Counterstain: IHC Hematoxylin (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-NIR antibody	Novel INHAT repressor (NIR) acts as an inhibitor of histone acetyltransferase activity; it prevents acetylation of all core histones by the EP300/p300 histone acetyltransferase at p53/TP53-regulated target promoters in a histone deacetylases (HDAC)-independent manner. NIR acts as a transcription corepressor of p53/TP53- and TP63-mediated transactivation of the p21/CDKN1A promoter. It is involved in the regulation of p53/TP53-dependent apoptosis and it associates together with TP63 isoform TA*-gamma to the p21/CDKN1A promoter [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9Y3T9].
Product Categories/Family for anti-NIR antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	157694511
NCBI GeneID	26155
NCBI Accession #	NP_056473.2
NCBI GenBank Nucleotide #	NM_015658.3
UniProt Accession #	Q9Y3T9 ; Q5SVA3 ; Q9BTN6
Molecular Weight	84,919 Da
NCBI Official Full Name	nucleolar complex protein 2 homolog
NCBI Official Synonym Full Names	nucleolar complex associated 2 homolog (S. cerevisiae)
NCBI Official Symbol	NOC2L
NCBI Official Synonym Symbols	NIR; NET7; NET15
NCBI Protein Information	nucleolar complex protein 2 homolog; NOC2-like protein; protein NOC2 homolog; novel INHAT repressor; novel INHAT (inhibitor of histone acetyltransferase) repressor
UniProt Protein Name	Nucleolar complex protein 2 homolog
UniProt Gene Name	NOC2L
UniProt Synonym Gene Names	NIR; Protein NOC2 homolog
UniProt Entry Name	NOC2L_HUMAN

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://www.aaabiotech.com/polyclonal/nir-antibody-immunohistochemistry-western-blot-elisa/212750>