Rabbit anti-Human NUPR1 Polyclonal Antibody | anti-NUPR1 antibody

NUPR1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232828	**Rabbit**	**Human**	**Immunofluorescence, Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

NUPR1; Polyclonal Antibody; NUPR1 Antibody; Nuclear protein 1; Candidate of metastasis 1; Nuclear transcriptional regulator protein 1; anti-NUPR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	100
Applicable Applications for anti-NUPR1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Nuclear protein 1 protein (2-64AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-23283 / sc-30184
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of PC3 cells using AAA232828 at a dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human pancreatic tissue using AAA232828 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-NUPR1 antibody	Chromatin-binding protein that converts stress signals into a program of gene expression that empowers cells with resistance to the stress induced by a change in their microenvironment. Interacts with MSL1 and inhibits its activity on histone H4 'Lys-16' acetylation (H4K16ac). Binds the RELB promoter and activates its transcription, leading to the transactivation of IER3. The NUPR1/RELB/IER3 survival pathway may provide pancreatic ductal adenocarcinoma with remarkable resistance to cell stress, such as starvation or gemcitabine treatment. In breast cancer cells, NUPR1 overexpression leads to the activation of PI3K/AKT signaling pathway, CDKN1A/p21 phosphorylation and relocalization from the nucleus to the cytoplasm, leading to resistance to chemotherapeutic agents, such as doxorubicin.

NCBI AND UNIPROT INFORMATION

NCBI GI #	109948307
NCBI GeneID	26471
NCBI Accession #	NP_001035948.1
NCBI GenBank Nucleotide #	NM_001042483.1
UniProt Accession #	O60356; O60357; Q6FGG3; B2R5C4
Molecular Weight	10,691 Da
NCBI Official Full Name	nuclear protein 1 isoform a
NCBI Official Synonym Full Names	nuclear protein 1, transcriptional regulator
NCBI Official Symbol	NUPR1
NCBI Official Synonym Symbols	P8; COM1
NCBI Protein Information	nuclear protein 1
UniProt Protein Name	Nuclear protein 1
UniProt Gene Name	**NUPR1**
UniProt Entry Name	NUPR1_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://stage.aaabiotech.com/polyclonal/nupr1-antibody-immunofluorescence-immunohistochemistry-elisa/232828