

Product datasheet for **TA392686**

RNF41 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 100-150 of Human NRDP1.
Specificity:	NRDP1 (E119) polyclonal antibody detects endogenous levels of NRDP1 protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 36 kDa
Gene Name:	ring finger protein 41
Database Link:	Entrez Gene 10193 Human Q9H4P4

Background: The RING-type zinc finger motif is present in a number of viral and eukaryotic proteins and is made of a conserved cysteine-rich domain that is able to bind two zinc atoms. Proteins that contain this conserved domain are generally involved in the ubiquitination pathway of protein degradation. Nrdp1, also known as RNF41 (RING finger protein 41), SBBI03 or FLRF, is a 317 amino acid protein that contains one RING-type zinc finger and one SIAH-type zinc finger. Expressed in testis, ovary and prostate, Nrdp1 functions as an E3 ubiquitin-protein ligase that, characteristic of E3 ligase proteins, accepts ubiquitin (in the form of a thioester) from an E2 ubiquitin-conjugating enzyme and transfers that ubiquitin residue to substrates targeted for degradation. Specifically, Nrdp1 interacts with ErbB-3 and UBPY, thereby targeting them for proteasomal degradation.

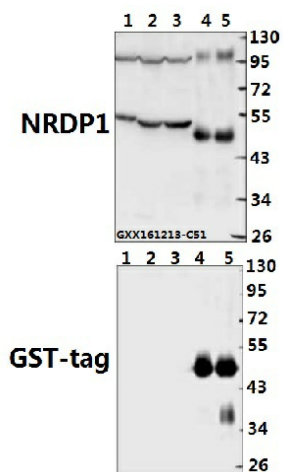


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Synonyms: E3 ubiquitin-protein ligase NRDP1; RING finger protein 41

Note: For research use only, not for use in diagnostic procedure.

Product images:



Western blot (WB) analysis of NRDP1 (E119) polyclonal antibody at 1:500 dilution Lane1:H9C2 whole cell lysate(40ug) Lane2:HCT116 whole cell lysate(40ug) Lane3:A549 whole cell lysate(40ug) Lane4:NRDP1 recombinant protein(100ng) Lane5:NRDP1 recombinant protein(200ng)