

Rabbit DDX27 Polyclonal Antibody | anti-DDX27 antibody

DDX27 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287050	Rabbit	Human (Predicted Reactivity: Bovine)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

DDX27; Polyclonal Antibody; DDX27 Antibody (C-term); Probable ATP-dependent RNA helicase DDX27; DEAD box protein 27; RHLF; anti-DDX27 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DDX27 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 770-796 amino acids from the C-terminal region of human DDX27.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.41 (varies by lot)
Sequence Positions	770-796
Sequence Length	796
Applicable Applications for anti-DDX27 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

DDX27 Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

DDX27 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of DDX27 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

DDX27 Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the DDX27 antibody detected the DDX27 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-DDX27 antibody	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, the function of which has not been determined. [provided by RefSeq].
References	Deloukas, P., et al. Nature 414(6866):865-871(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	224593278
NCBI GeneID	55661
NCBI Accession #	NP_060365.7
NCBI GenBank Nucleotide #	NM_017895.7
UniProt Accession #	Q96GQ7 ; Q5VXM7 ; Q8WYG4 ; Q969N7 ; Q96F57 ; Q96L97 ; Q9BWY9 ; Q9BXF0 ; Q9H990 ; Q9NWU3 ; A0AVB6 ; B7ZLY1
Molecular Weight	89835
NCBI Official Full Name	probable ATP-dependent RNA helicase DDX27
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box polypeptide 27
NCBI Official Symbol	DDX27
NCBI Official Synonym Symbols	DRS1; RHLP; Drs1p; PP3241; HSPC259; dJ686N3.1
NCBI Protein Information	probable ATP-dependent RNA helicase DDX27
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX27
UniProt Gene Name	DDX27
UniProt Synonym Gene Names	RHLP
UniProt Entry Name	DDX27_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/ddx27-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287050>