

Rabbit DDX41 Polyclonal Antibody | anti-DDX41 antibody

DDX41 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23454	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

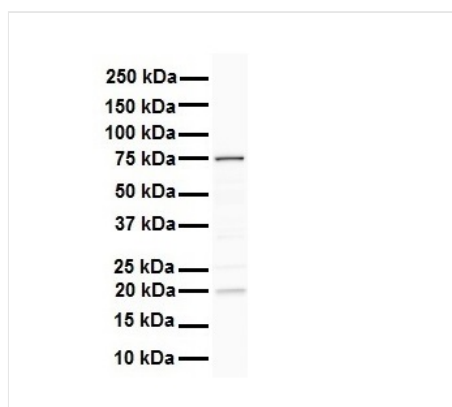
PRODUCT SYNONYMS

DDX41; Polyclonal Antibody; DDX41 antibody - N-terminal region; anti-DDX41 antibody

PRODUCT SPECIFICATIONS

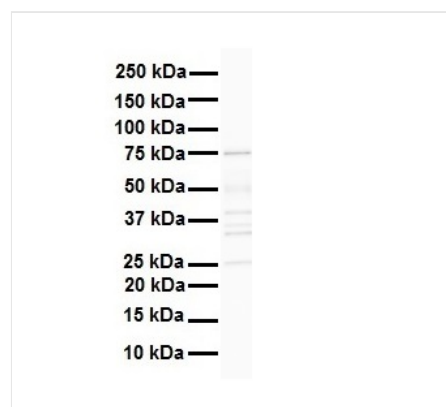
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RG DEDDIPLG PQ SNVSLDQHQ HLKEAEARK ESAKEKQLKE EEKILES V
Sequence Length	622
Applicable Applications for anti-DDX41 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human DDX41
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



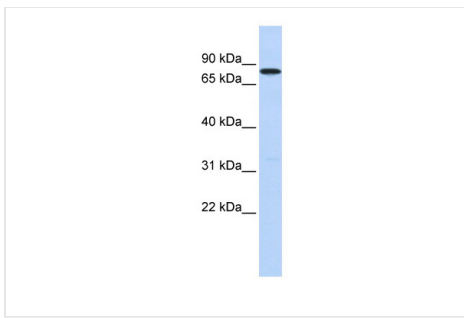
WB (Western Blot)

WB Suggested Anti-DDX41 antibody Titration: 1 ug/mL Sample Type: Human liver



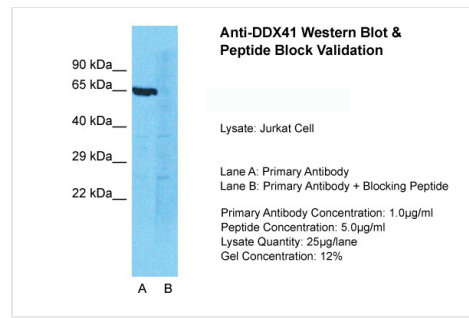
WB (Western Blot)

WB Suggested Anti-DDX41 antibody Titration: 1 ug/mL Sample Type: Human heart



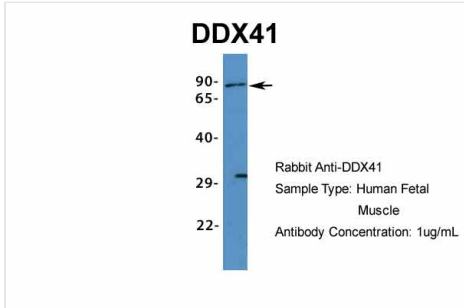
WB (Western Blot)

WB Suggested Anti-DDX41 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human Lung



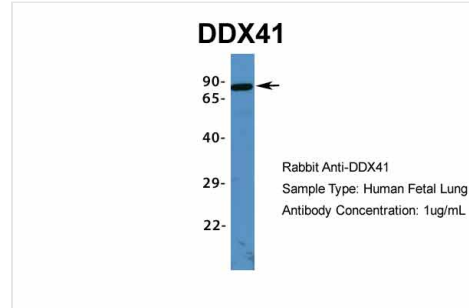
WB (Western Blot)

Host: Rabbit
Target Name: DDX41
Sample Type: Jurkat
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody Concentration: 1.0ug/ml
Peptide Concentration: 5.0ug/ml
Lysate Quantity: 25ug/lane
Gel Concentration: 12%
DDX41 is supported by BioGPS gene expression data to be expressed in Jurkat



WB (Western Blot)

Host: Rabbit
Target Name: DDX41
Sample Type: Human Fetal Muscle
Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: Rabbit
Target Name: DDX41
Sample Type: Human Fetal Lung
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-DDX41 antibody

This is a rabbit polyclonal antibody against DDX41. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: 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 the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a member of this family. The function of this member has not been determined. Based on studies in *Drosophila*, the *abstrakt* gene is widely required during post-transcriptional gene expression. 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 the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a member of this family. The function of this member has not been determined. Based on studies in *Drosophila*, the *abstrakt* gene is widely required during post-transcriptional gene expression.

Product Categories/Family for anti-DDX41 antibody

Polyclonal; RNA Binding Proteins; Chromatin & Nuclear Signaling; Developmental Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	21071032
NCBI GeneID	51428
NCBI Accession #	NP_057306
NCBI GenBank Nucleotide #	NM_016222
UniProt Accession #	Q9UJV9

Molecular Weight	70kDa
NCBI Official Full Name	probable ATP-dependent RNA helicase DDX41 isoform 1
NCBI Official Synonym Full Names	DEAD-box helicase 41
NCBI Official Symbol	DDX41
NCBI Official Synonym Symbols	ABS; MPLPF
NCBI Protein Information	probable ATP-dependent RNA helicase DDX41
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX41
UniProt Gene Name	DDX41
UniProt Synonym Gene Names	ABS
UniProt Entry Name	DDX41_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/ddx41-antibody-western-blot-elisa/23454>