

Rabbit anti-Human DDX11 Polyclonal Antibody | anti-DDX11 antibody

DDX11 Antibody (C-term)

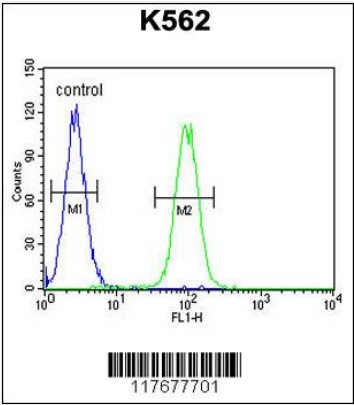
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283908	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

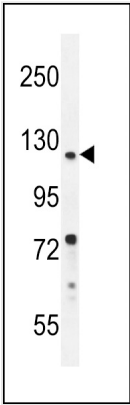
DDX11; Polyclonal Antibody; DDX11 Antibody (C-term); Probable ATP-dependent RNA helicase DDX11; CHL1-related protein 1; hCHLR1; DEAD/H box protein 11; Keratinocyte growth factor-regulated gene 2 protein; KRG-2; CHL1; CHLR1; KRG2; anti-DDX11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DDX11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 819-847 amino acids from the C-terminal region of human DDX11.
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: 0.29 (varies by lot)
Sequence Positions	819-847
Sequence Length	288
Applicable Applications for anti-DDX11 antibody	FCM/FACS (Flow Cytometry), 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.



FCM/FACS (Flow Cytometry)
DDX11 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.



WB (Western Blot)
DDX11 Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the DDX11 antibody detected the DDX11 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-DDX11 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, which is an enzyme that possesses both ATPase and DNA helicase activities. This gene is a homolog of the yeast CHL1 gene, and may function to maintain chromosome transmission fidelity and genome stability. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Product Categories/Family for anti-DDX11 antibody	Cell Biology
References	Leman, A.R., et al. J. Cell. Sci. 123 (PT 5), 660-670 (2010) : Farina, A., et al. J. Biol. Chem. 283(30):20925-20936(2008) Parish, J.L., et al. Mol. Cell 24(6):867-876(2006) Parish, J.L., et al. J. Cell. Sci. 119 (PT 23), 4857-4865 (2006) : Vasa-Nicotera, M., et al. Am. J. Hum. Genet. 76(1):147-151(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	380420356
NCBI GeneID	1663
NCBI Accession #	NP_001244073.1; NP_001244074.1; NP_004390.3; NP_689651.1
NCBI GenBank Nucleotide #	NM_001257144.1
UniProt Accession #	Q96FC9; Q13333; Q86VQ4; Q86W62; Q92498; Q92770; Q92998; Q92999
Molecular Weight	108313
NCBI Official Full Name	probable ATP-dependent RNA helicase DDX11 isoform 3
NCBI Official Synonym Full Names	DEAD/H (Asp-Glu-Ala-Asp/His) box helicase 11
NCBI Official Symbol	DDX11

NCBI Official Synonym Symbols	CHL1; KRG2; WABS; CHLR1
NCBI Protein Information	probable ATP-dependent RNA helicase DDX11
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX11
UniProt Gene Name	DDX11
UniProt Synonym Gene Names	CHL1; CHLR1; KRG2; hCHLR1; KRG-2
UniProt Entry Name	DDX11_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/ddx11-antibody-flow-cytometry-western-blot-elisa/283908>