

Mouse DDX41 Monoclonal Antibody | anti-DDX41 antibody

DDX41 Mouse Monoclonal Antibody [Clone PCRP-DDX41-1B4]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215832	Mouse	Human Predicted to work in Mouse and Rat.	Immunofluorescence, Western Blot, Flow Cytometry, Functional Assay

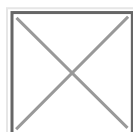
PRODUCT SYNONYMS

DDX41; Monoclonal Antibody; DDX41 Mouse Monoclonal Antibody [Clone PCRP-DDX41-1B4]; DEAD (Asp-Glu-Ala-Asp) box polypeptide 41; DEAD box protein 41; DEAD box protein abstract homolog; EC 3. 6. 1. -; Probable ATP-dependent RNA helicase DDX41; Putative RNA helicase; wu:fb92e02; zgc:55896; anti-DDX41 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human Predicted to work in Mouse and Rat.
Clonality	Monoclonal
Isotype	Mouse/IgG2b
Clone Number	PCRP-DDX41-1B4
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0. 05% BSA & 0. 05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-DDX41 antibody	IF (Immunofluorescence), WB (Western Blot), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human DDX41 protein
Cellular Localization	Nucleus
Positive Control	HeLa or MCF-7 cells.
Hu-chromosome Location	5q35.3
Unigene	484288
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of PFA-fixed MCF-7 cells. DDX41 Mouse Monoclonal Antibody (PCRP-DDX41-1B4) followed by goat anti-mouse IgG-CF488 (green); counterstain is phalloidin (red).

ADDITIONAL INFORMATION

Related Product Information for anti-DDX41 antibody	DDX41 (Probable ATP-dependent RNA helicase DDX41, DEAD box protein abstrakt homolog) is a 622 amino acid protein encoded by the human gene DDX41. DDX41 belongs to the DEAD box helicase family (DDX41 subfamily) and contains one CCHC-type zinc finger, one helicase ATP-binding domain and one helicase C-terminal domain. DDX41 is required during post-transcriptional gene expression and is thought to be involved in pre-mRNA splicing. DDX41 is believed to be a probable ATP-dependent RNA helicase. RNA helicases are highly conserved enzymes that utilize the energy derived from NTP hydrolysis to modulate the structure of RNA. RNA helicases participate in all biological processes that involve RNA, including transcription, splicing and translation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20532370
NCBI GeneID	51428
UniProt Accession #	Q9UJV9; Q96BK6; Q96K05; Q9NT96; Q9NW04; B2RDC8
Molecular Weight	622
NCBI Official Full Name	Probable ATP-dependent RNA helicase DDX41
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box polypeptide 41
NCBI Official Symbol	DDX41
NCBI Official Synonym Symbols	ABS
NCBI Protein Information	probable ATP-dependent RNA helicase DDX41; 2900024F02Rik; DEAD box protein 41; putative RNA helicase; DEAD-box protein abstrakt; DEAD box protein abstrakt homolog
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://stage.aaabiotech.com/monoclonal/ddx41-antibody-clone-pcrp-ddx41-1b4-immunofluorescence-western-blot-flow-cytometry-elisa/215832>