

Mouse anti-Human DDX3X Monoclonal Antibody | anti-DDX3X antibody

Mouse monoclonal antibody Anti-Human DDX3X

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36403	Mouse	Human	Western Blot, Immunoprecipitation, Immunocytochemistry, Dot Blot

PRODUCT SYNONYMS

DDX3X; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human DDX3X; Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 3; X-linked (DDX3X); DBX; DDX3; HLP2; DDX14; anti-DDX3X antibody

PRODUCT SPECIFICATIONS

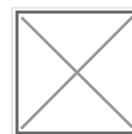
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2253C5a
Form/Format	Mouse monoclonal anti-human DDX3X antibody in PBS (3.0 mM KCl, 1.5 mM KH PO , 140 mM NaCl, 8.0 mM Na HPO (pH 7.4)) containing 1% bovine serum albumin (BSA)and 0.05% sodium azide (NaN).
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	5519
Applicable Applications for anti-DDX3X antibody	WB (Western Blot), IP (Immunoprecipitation), ICC (Immunocytochemistry), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Immunogen	Recombinant
Sterility	Filtered through a 0.22 um membrane.
Disposal	This antibody solution contains sodium azide (NaN3) as a preservative. There is a potential hazard that NaN reacts with copper or lead to produce an explosive compound. For safe disposal, the vial has to be washed thoroughly with water.
Preparation and Storage	Store at 2-8 degree C for up to 6 months. We recommend storing at -20 degree C for long-term storage for up to one year. Avoid repeat freezing and thawing cycles.

IMAGES



ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-DDX3X mAb. [Lot No. 2253C5a-1]



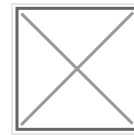
IP (Immunoprecipitation)

Immunoprecipitation: RIPA lysate of HeLa cells was incubated with anti-DDX3X mAb. [Lot No. 2253C5a-1]Predicted molecular weight: 73 kDa



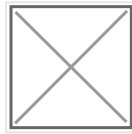
WB (Western Blot)

Detection of DDX3X by Western blot. Samples: Whole cell lysate from human HeLa (H, 25 ug), mouse NIH3T3 (M, 50 ug) and rat F2408 (R, 50 ug) cells. [Lot No. 2253C5a-1] Predicted molecular weight: 73 kDa



Quality Control #2

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control

Western blot analysis of immunized recombinant protein, using anti-DDX3X monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DDX3X 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 interacts specifically with hepatitis C virus core protein resulting a change in intracellular location. This gene has a homolog located in the nonrecombining region of the Y chromosome. The protein sequence is 91% identical between this gene and the Y-linked homolog. [NCBI Entrez Gene Summary]

NCBI AND UNIPROT INFORMATION

NCBI GI #	698980011
NCBI GeneID	1654
NCBI Accession #	NP_001347.3
NCBI GenBank Nucleotide #	NM_001356
NCBI Official Full Name	Homo sapiens DEAD (Asp-Glu-Ala-Asp) box helicase 3, X-linked (DDX3X), transcript variant 1, mRNA
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box helicase 3, X-linked
NCBI Official Symbol	DDX3X
NCBI Official Synonym Symbols	DBX; DDX3; HLP2; DDX14; CAP-Rf
NCBI Protein Information	ATP-dependent RNA helicase DDX3X; DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked; DEAD box protein 3, X-chromosomal; DEAD box, X isoform; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 3; DEAD/H box-3; helicase-like protein 2
UniProt Protein Name	ATP-dependent RNA helicase DDX3X
UniProt Gene Name	DDX3X
UniProt Entry Name	DDX3X_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/ddx3x-antibody-clone-2253c5a-western-blot-immunoprecipitation-immunocytochemistry-dot-blot-elisa/36403>