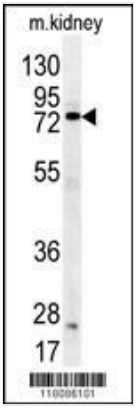
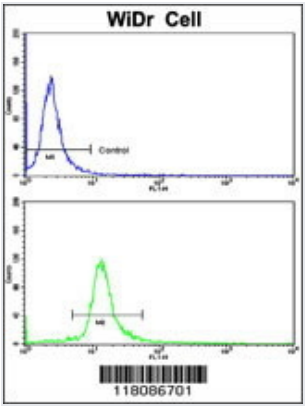
DDX53 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DDX53, Polyclonal Antibody
Full Product Name	DDX53, CT (Probable ATP-dependent RNA Helicase DDX53, DEAD Box Protein 53, DEAD Box Protein CAGE, Cancer-associated Gene Protein, Cancer/Testis Antigen 26, CT26, CAGE) (FITC)
Product Gene Name	anti-DDX53 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Ammonium Sulfate Precipitation.
Specificity	Recognizes human DDX53. Species Crossreactivity: mouse.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer.
Molecular Weight	71.154
3D Structure	ModBase 3D Structure for Q86TM3
Immunogen	Synthetic peptide selected from the C-terminal region of human DDX53 (KLH).
Conjugate	FITC
Note	Preservative Free
Product Categories/Family for anti-DDX53 antibody	Antibodies; DEAD Box Proteins
Applications Tested/Suitable for anti-DDX53 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-DDX53 antibody	WB: 1:50-1:100 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-DDX53 antibody	MBS6472144 is an antibody targeting DDX53. Also known as DDX53, CT (Probable ATP-dependent RNA Helicase DDX53, DEAD Box Protein 53, DEAD Box Protein CAGE, Cancer-associated Gene Protein, Cancer/Testis Antigen 26, CT26, CAGE) (FITC). Reactive in Human, Mouse. Host: Rabbit.
Product References and Citations for anti-DDX53 antibody	1. Shim, H., Lee, H. Biotechnol. Lett. 28(24), 2057-2063 (2006). 2. Cho, B., Lee, H. Biochem. Biophys. Res. Commun. 307(1), 52-63 (2003). 3. Cho, B., Lim, Y. Biochem. Biophys. Res. Commun. 292(3), 715-726 (2002).
Other Notes	Small volumes of anti-DDX53 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-DDX53 antibody
Western blot analysis of DDX53 antibody (C-term) in mouse kidney tissue lysates (35ug/lane). DDX53 (arrow) was detected using the purified Pab.



Flow Cytometry (FC/FACS) of anti-DDX53 antibody
Flow cytometric analysis of WiDr cells using DDX53 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DDX53. It may not necessarily be applicable to this product.

NCBI GI #	55749865
NCBI Accession #	NP_874358
UniProt Primary Accession #	Q86TM3
GenBank Nucleotide #	NP_874358.2
NCBI Official Full Name	DEAD box protein 53
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX53
UniProt Synonym Protein Names	Cancer-associated gene protein; Cancer/testis antigen 26; CT26; DEAD box protein 53; DEAD box protein CAGE
Protein Family	Probable ATP-dependent RNA helicase
UniProt Gene Name	DDX53
UniProt Synonym Gene Names	CAGE; CT26
UniProt Comments for DDX53	DDX53: This intronless gene encodes a protein which contains several domains found in members of the DEAD-box helicase protein family. Other members of this protein family participate in ATP-dependent RNA unwinding. [provided by RefSeq, Sep 2011] Protein type: Cancer Testis Antigen (CTA); EC 3.6.4.13; Helicase Chromosomal Location of Human Ortholog: Xp22.11 Cellular Component: cytoplasm; nucleolus Molecular Function: ATP binding; ATP-dependent RNA helicase activity; RNA binding Biological Process: RNA secondary structure unwinding
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