DDX53 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DDX53, Polyclonal Antibody
Full Product Name	DDX53
Product Gene Name	anti-DDX53 antibody
Product Synonym Names	Purified Rabbit Anti Human DDX53 Polyclonal antibody; CAGE
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human Predicted: Rat, Mouse
Form/Format	Already dissolved in sterile H2O with 1% BSA and 0.02% NaN3 and 50% Glycerol.
Purity/Purification	Purified By Antigen Affinity Column
Molecular Weight	72KD
Immunogen	Recombinant fragment corresponding to 396-575aa of human DDX53.
Cellular Localization	Nucleus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-DDX53 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-DDX53 antibody	ELISA: 1:20,000-80,000 WB: 1:200-1,000 IHC: 1:100-500
Related Product Information for anti-DDX53 antibody	MBS8563986 is an antibody targeting DDX53. Reactive in Human Predicted: Rat, Mouse. Host: Rabbit. Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 53, mRNA
Product References and Citations for anti-DDX53 antibody	Cho B, Lim Y, Lee DY. et al. Identification and characterization of a novel cancer/testis antigen gene CAGE. Biochem Biophys Res Commun. 292(3):715-26 (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.

ADDITIONAL DETAILS

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

NCBI GI #	45709414
NCBI GeneID	168400
NCBI Accession #	BC067878
UniProt Related Accession #	Q86TM3
NCBI Official Full Name	Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 53, mRNA

NCBI Official Synonym Full Names	DEAD-box helicase 53
NCBI Official Symbol	DDX53
NCBI Official Synonym Symbols	CAGE; CT26
Protein Family	Probable ATP-dependent RNA helicase
NCBI Protein Information	DEAD box protein 53
NCBI Summary for 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]
Research Articles on DDX53	**1.** DDX53 plays a critical role in taxol-resistance by activating autophagy and a potential therapeutic target for the treatment of taxol-resistant cervix cancer.
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