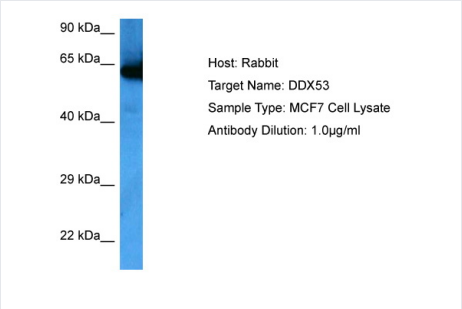
DDX53 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DDX53, Polyclonal Antibody
Full Product Name	DDX53 Antibody - C-terminal region
Product Gene Name	anti-DDX53 antibody
Product Synonym Gene Name	CAGE; CT26
Immunogen Sequence	Synthetic peptide located within the following region: AGELIKILDR ANQSVPEDLV VMAEQYKLNQ QKRHRETRSR KPGQRRKEFY
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	DDX53 peptide (MBS3245695) is used for blocking the activity of DDX53 antibody (MBS3220898)
Molecular Weight	71 kDa
3D Structure	ModBase 3D Structure for Q86TM3
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human DDX53
Product Categories/Family for anti-DDX53 antibody	Polyclonal
Applications Tested/Suitable for anti-DDX53 antibody	Western Blot (WB)
Related Product Information for anti-DDX53 antibody	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.
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.
Searchable Terms for DDX53 purchase	MBS3220898 is an antibody targeting DDX53. Also known as DDX53 Antibody - C-terminal region. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-DDX53 antibody
Host: RabbitTarget Name: DDX53Sample Tissue: Human MCF7 Whole CellAntibody Dilution: 1.0ug/ml

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 GeneID	168400
NCBI Accession #	NP_874358.2
UniProt Primary Accession #	Q86TM3
UniProt Related Accession #	Q86TM3
GenBank Nucleotide #	NM_182699.3
NCBI Official Full Name	DEAD box protein 53
NCBI Official Synonym Full Names	DEAD-box helicase 53
NCBI Official Symbol	DDX53
NCBI Official Synonym Symbols	CAGE; CT26
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
NCBI Protein Information	DEAD box protein 53
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
Research Articles on DDX53	**1.** A novel role of DDX53 in regulating cancer stem cell-like properties by binding to SOX-2.DDX53 directly regulates the SOX-2 expression in drug-resistant melanoma cells.

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