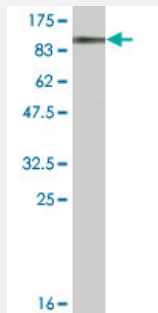


DDX20 monoclonal antibody (M04A), clone 2A12

Catalog # H00011218-M04A

Size 200 uL

Applications



Western Blot detection against Immunogen (116.38 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant DDX20.

Immunogen

DDX20 (AAH34953, 1 a.a. ~ 824 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MAAFEASGALAAVATAMPAEHVAVQVPAPPTPGPVRILRTAQDLSSPRTRTGDVLLAEPADF
ESLLSRPVLEGLRAAGFERPSPVQLKAIPGLRCGLDLVQAKSGTGKTCVFSTIALDSLVLNLS
QILAPTREIAVQIHVSITAIGIKMEGLECHVFIGGTPLSQDKTRLKKCHIAVGSPGRIKQIELDYLN
GSIRLFILDEADKLEEGSFQEQINWYSSLPASKQMLAVSATYPEFLANALTKYMRDPTFVRLNSS
DPSLIGLKQYYKVVSYPALAHKVFEETQHLQELFSRIPFNQALVFSNLHSRAQHLADILSSKGFP
ECISGNMNQNRDAMAKLKHFCRVLISDLSRGIDAEKVNLVNLDVPLDWETVMHRIGRAG
RFGTLGLTVTYCCRGEEGNMMRIAQKCNINLLPLDPISGLMEECVDWDVEVKAAVHTYGIAS
VPNQPLKKQIQKIERTLQIQKAHGDHMASSRNNSVGLSVKSKNNTKQKLPVKSHSECGIEKATS
PKELGCDRQSEEQMKNSVQTPVENSTNSQHVKALPVSLPQIPCLSSFKIHQPYLTFAELVED
YEHYKEGLEKPVETIRHYTGPDQTVNPQNGFVRNKVTEQRVPVLASSSQSGDSESDSDSYSSR
TSSQSKGNKSYLEGSSDNQLKDSESTPVDDRISLEQPPNGSDTPNPEKYQESPGIQMKTRLKEG
ASQRAKQSRRLPRRSSFRLQTEAQEDDWYDCHREIRLSFSDTYQDYEEYWRAYRAWQEYAA
ASHSYWNAQRHPSWMAAYHMTIYLQEMMHSNQ

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (82); Rat (83)

Isotype	IgM Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (116.38 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — DDX20

Entrez GeneID	11218
GeneBank Accession#	BC034953
Protein Accession#	AAH34953
Gene Name	DDX20
Gene Alias	DKFZp434H052, DP103, GEMIN3
Gene Description	DEAD (Asp-Glu-Ala-Asp) box polypeptide 20
Omim ID	606168
Gene Ontology	Hyperlink
Gene Summary	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 has an ATPase activity and is a component of the survival of motor neurons (SMN) complex. This protein interacts directly with SMN, the spinal muscular atrophy gene product, and may play a catalytic role in the function of the SMN complex on RNPs. [provided by RefSeq]

Other Designations

DEAD-box protein DP103|DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 20, 103kD|OTTHUM
P00000013738|SMN-interacting protein

Disease

- [Adenocarcinoma](#)
- [Carcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
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