

Datasheet for ABIN5542506
anti-DDX20 antibody (AA 725-824)[Go to Product page](#)

5 Images

Overview

Quantity:	0.1 mg
Target:	DDX20
Binding Specificity:	AA 725-824
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DDX20 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human DDX20 (AA: 725-824) expressed in E. coli.
Clone:	7B2B1
Isotype:	IgG1
Purification:	purified

Target Details

Target:	DDX20
Alternative Name:	DDX20 (DDX20 Products)
Background:	Description: DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD),

Target Details

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. ,

Aliases: DP103, GEMIN3

Molecular Weight:	92.2 kDa
-------------------	----------

Gene ID:	11218
----------	-------

HGNC:	11218
-------	-------

Pathways:	Ribonucleoprotein Complex Subunit Organization
-----------	----------------------------------------------------------------

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: 1:200 - 1:1000, FCM:
--------------------	----------------------------------------------------------------------

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
---------	--------

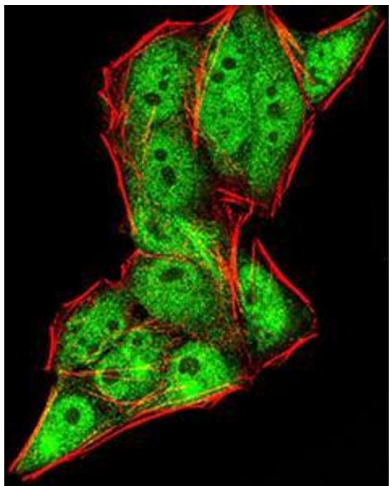
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
---------	---------------------------------------------------

Preservative:	Sodium azide
---------------	--------------

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
--------------------	------------------------------------------------------------------------------------------------------------------------

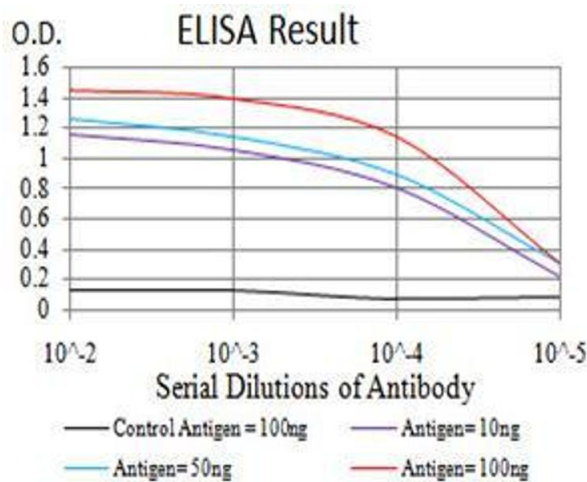
Storage:	4 °C/-20 °C
----------	-------------

Storage Comment:	4°C, -20°C for long term storage
------------------	----------------------------------



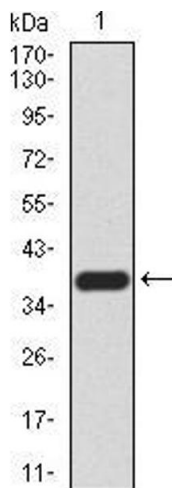
Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using DDX20 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



ELISA

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Western Blotting

Image 3. Western blot analysis using DDX20 mAb against human DDX20 (AA: 725-824) recombinant protein. (Expected MW is 38.4 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542506.