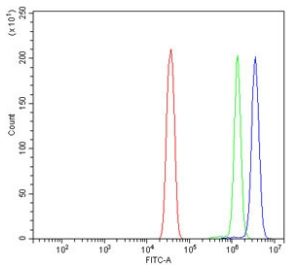
DDX6 Antibody [clone 8G6] (RQ6541)

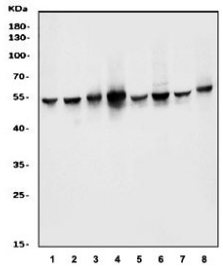
Catalog No.	Formulation	Size
RQ6541	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

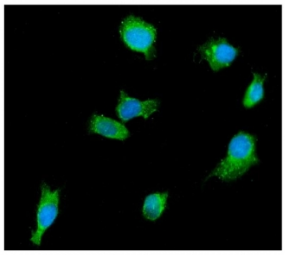
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	8G6
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P26196
Localization	Cytoplasmic, nuclear
Applications	Western blot: 1-2ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This DDX6 antibody is available for research use only.



Flow cytometry testing of human HeLa cells with DDX6 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= DDX6 antibody.



Western blot testing of human 1) HeLa, 2) HepG2, 3) SW620, 4) Raji, 5) ThP-1, 6) Jurkat, 7) rat PC-12 and 8) mouse NIH 3T3 cell lysate with DDX6 antibody. Predicted molecular weight: ~53 kDa.



Immunofluorescent staining of FFPE human MCF7 cells with DDX6 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.

Description

DDX6 (DEAD/H BOX 6), also known as HLR2 or p54, is an enzyme that in humans is encoded by the DDX6 gene. DDX6 belongs to the DEAD box family of putative RNA helicases that contain a characteristic asp-glu-ala-asp (DEAD) box motif (Seto et al., 1995). Tunnacliffe et al.(1993) assigned the DDX6 gene more precisely using a panel of sequence tagged sites (STSs) representing 30 markers previously assigned to 11q23. Using mass spectroscopy, Fenger-Gron et al.(2005) found that RCK, EDC3(YJDC), and HEDLS (RCD8) co-immunopurified with DCP1A and DCP2 from HEK293 cell lysates. Overexpression of DCP2, RCK, or EDC3 in HeLa cells reduced the association of endogenous DCP1A and XRN1 with cytoplasmic P bodies.

Application Notes

Optimal dilution of the DDX6 antibody should be determined by the researcher.

Immunogen

An E. coli-derived human protein (amino acids Q56-P483) was used as the immunogen for the DDX6 antibody.

Storage

After reconstitution, the DDX6 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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