

## Recombinant DDX3 Monoclonal Antibody

catalog number: **AN301878L**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

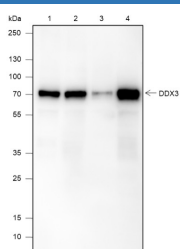
### Description

<b>Reactivity</b>	Human;Rat;Mouse
<b>Immunogen</b>	Recombinant human DDX3 fragment
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG, $\kappa$
<b>Clone</b>	A590
<b>Purification</b>	Protein A purified
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

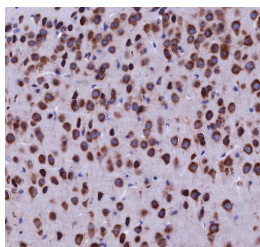
Applications	Recommended Dilution
<b>WB</b>	1:500-1:1000
<b>IHC</b>	1:100-1:500
<b>IF</b>	1:50
<b>IP</b>	1:50-1:100

### Data

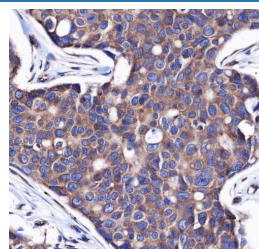
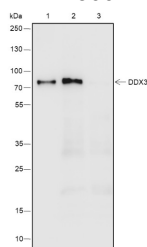


Western Blot with DDX3 Monoclonal Antibody at dilution of 1:1000. Lane 1: HeLa, Lane 2: MCF-7, Lane 3: NIH/3T3, Lane 4: C6

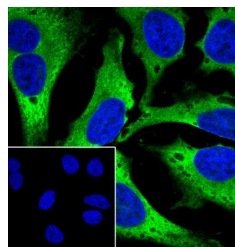
**Observed-MW:73 kDa**  
**Calculated-MW:73 kDa**



Immunohistochemistry of paraffin-embedded Mouse cerebrum using DDX3 Monoclonal Antibody at dilution of 1:500.



Immunohistochemistry of paraffin-embedded Human breast cancer using DDX3 Monoclonal Antibody at dilution of 1:500.



Immunofluorescent analysis of (4% Paraformaldehyde) fixed HeLa cells using anti-DDX3 Monoclonal Antibody at dilution of 1:50.

### For Research Use Only

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Rev. V1.1

Immunoprecipitation analysis using anti-DDX3 Monoclonal Antibody. Western blot was performed from the immunoprecipitate using DDX3 Monoclonal Antibody at a dilution of 1:100. Lane 1: 5% Input, Lane 2: DDX3 Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

**Observed-MW:73 kDa**

**Calculated-MW:73 kDa**

## Preparation & Storage

**Storage** Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping** Ice bag

## Background

DDX3, also named as DBX, DDX3X and HLP2, belongs to the DEAD box helicase family and DED1 subfamily. It is ATP-dependent RNA helicase. DDX3 acts as a cofactor for XPO1-mediated nuclear export of incompletely spliced HIV-1 REV RNAs. It is also involved in HIV-1 replication. DDX3 interacts specifically with hepatitis C virus core protein resulting in a change in intracellular location.

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