Recombinant DDX3 Monoclonal Antibody

catalog number: **AN301878L**

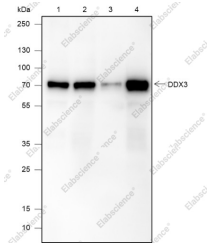
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human DDX3 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111500
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:100-1:500
IF	1:50
IP	1:50-1:100

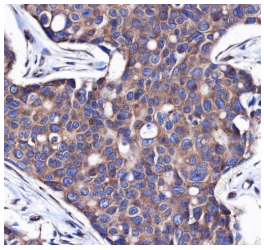
Data



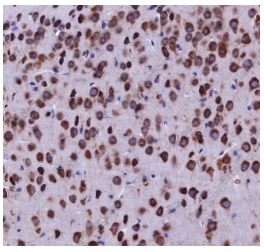
Western Blot with DDX3 Monoclonal Antibody at dilution of 1:1000. Lane 1: HeLa, Lane 2: MCF-7, Lane 3: NIH/3T3, Lane 4: C6

Observed-MW:73 kDa

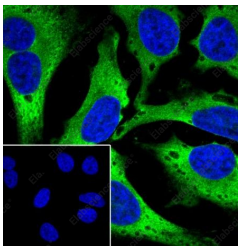
Calculated-MW:73 kDa



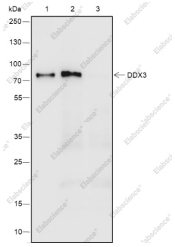
Immunohistochemistry of paraffin-embedded Human breast cancer using DDX3 Monoclonal Antibody at dilution of 1:500.



Immunohistochemistry of paraffin-embedded Mouse cerebrum 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.



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.