Product Datasheet

DDX3X Antibody

Catalog No: #32938

Package Size: #32938-1 50ul #32938-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

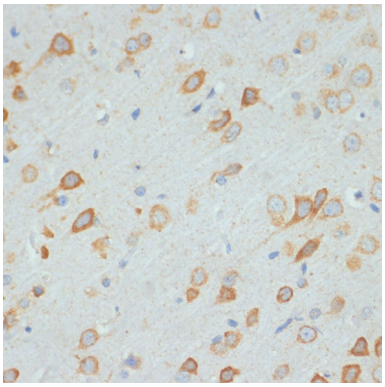
Description

Product Name	DDX3X Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total DDX3X protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human DDX3X.
Target Name	DDX3X
Other Names	DBX; DDX3; HLP2; DDX14;
Accession No.	Swiss-Prot:O00571NCBI Gene ID:1654
Uniprot	O00571
GeneID	1654;
SDS-PAGE MW	73KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

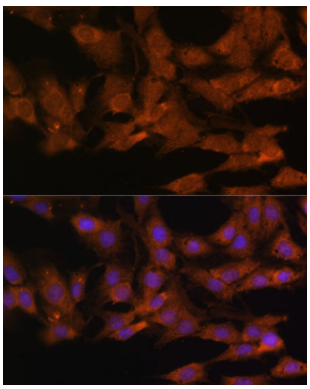
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

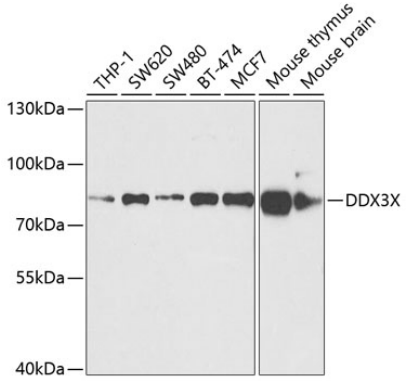
Images



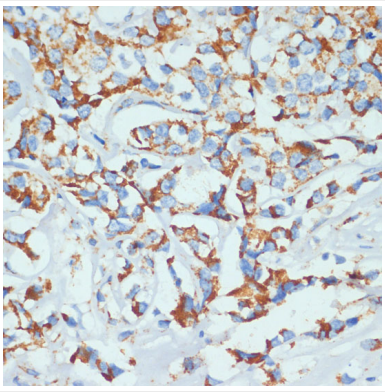
Immunohistochemistry of paraffin-embedded rat brain using DDX3X at dilution of 1:100 (40x lens).



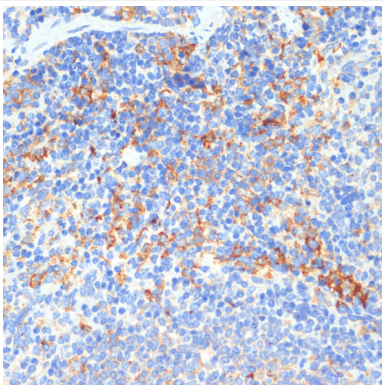
Immunofluorescence analysis of C6 cells using DDX3X at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using DDX3X at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded human breast cancer using DDX3X at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using DDX3X at dilution of 1:100 (40x lens).

Background

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 interacts specifically with hepatitis C virus core protein resulting a change in intracellular location. This gene has a homolog located in the nonrecombining region of the Y chromosome. The protein sequence is 91% identical between this gene and the Y-linked homolog. Alternative splicing results in multiple transcript variants.

Note: This product is for in vitro research use only