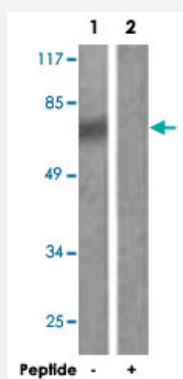


DDX3X polyclonal antibody

Catalog # PAB18340

Size 100 ug

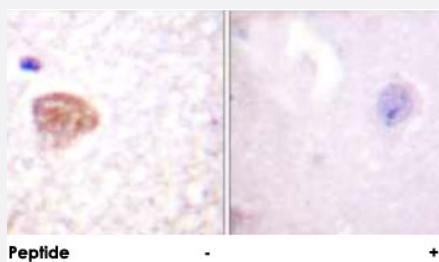
Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from HepG2 cells, using DDX3X polyclonal antibody (Cat # PAB18340).

Peptide "+" means "peptide blocking".



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using DDX3X polyclonal antibody (Cat # PAB18340).

Peptide "+" means "peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of DDX3X.
Immunogen	A synthetic peptide corresponding to residues surrounding T322 of human DDX3X.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody is specific to DDX3X.
Form	Liquid

Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) ELISA (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from HepG2 cells, using DDX3X polyclonal antibody (Cat # PAB18340).
Peptide "+" means "peptide blocking".

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using DDX3X polyclonal antibody (Cat # PAB18340).
Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — DDX3X

Entrez GeneID	1654
Protein Accession#	O00571
Gene Name	DDX3X
Gene Alias	DBX, DDX14, DDX3, HLP2
Gene Description	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked
Omim ID	300160
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

ATP-dependent RNA helicase DDX3X|CAP-Rf|DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 3|DEAD/H box-3|helicase like protein 2

Publication Reference

- [Global phosphoproteome analysis on human HepG2 hepatocytes using reversed-phase diagonal LC.](#)

Gevaert K, Staes A, Van Damme J, De Groot S, Hugelier K, Demol H, Martens L, Goethals M, Vandekerckhove J. Proteomics 2005 Sep; 5(14):3589.

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)