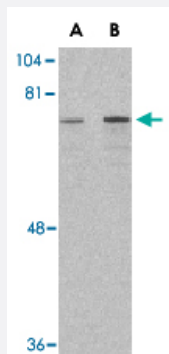


DDX3X polyclonal antibody

Catalog # PAB13188

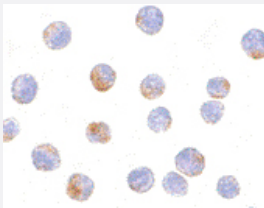
Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of DDX3X in HepG2 cell lysate with DDX3X polyclonal antibody (Cat # PAB13188) at (A) 1 and (B) 2 ug/mL .



Immunocytochemistry

Immunocytochemistry of DDX3X in HepG2 cells with DDX3X polyclonal antibody (Cat # PAB13188) at 10 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of DDX3X.
Immunogen	A synthetic peptide corresponding to internal region 16 amino acids of human DDX3X.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	DDX3 antibody will detect both DDX3 and DBY.
Form	Liquid

Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage 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 DDX3X in HepG2 cell lysate with DDX3X polyclonal antibody (Cat # PAB13188) at (A) 1 and (B) 2 ug/mL .

- Immunocytochemistry

Immunocytochemistry of DDX3X in HepG2 cells with DDX3X polyclonal antibody (Cat # PAB13188) at 10 ug/mL .

Gene Info — DDX3X

Entrez GeneID	1654
Protein Accession#	AAC34298
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 in 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

- [RNA helicases: regulators of differentiation.](#)

Abdelhaleem M.

Clinical Biochemistry 2005 Jun; 38(6):499.

Application: WB, Human, Human mammalian cells

- [Functional coherence of the human Y chromosome.](#)

Lahn BT, Page DC.

Science 1997 Oct; 278(5338):675.

- [Birth of the D-E-A-D box.](#)

Linder P, Lasko PF, Ashburner M, Leroy P, Nielsen PJ, Nishi K, Schnier J, Slonimski PP.

Nature 1989 Jan; 337(6203):121.

Application: IP, WB-Ce, WB-Tr, Human, Mammalian cells

Disease

- [Disease Progression](#)

- [Disease Susceptibility](#)

- [HIV Infections](#)