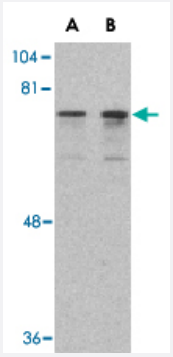
DDX3X polyclonal antibody

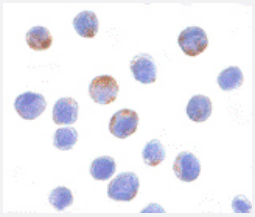
Catalog # PAB13187 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of DDX3X in HepG2 cell lysate with DDX3X polyclonal antibody (Cat # PAB13187) at (A) 0.5 and (B) 1 ug/mL .



Immunocytochemistry

Immunocytochemistry of DDX3X in HepG2 cells with DDX3X polyclonal antibody (Cat # PAB13187) at 10 ug/mL .

Specification

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

Recommend Usage	Western Blot (0.5-1 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 shoul d 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 # PAB13187) at (A) 0.5 and (B) 1 ug/mL .

- Immunocytochemistry

  Immunocytochemistry of DDX3X in HepG2 cells with DDX3X polyclonal antibody (Cat # PAB13187) 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 ribosom e and spliceosome assembly. Based on their distribution patterns, some members of this family a re 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 pr otein resulting a change in intracellular location. This gene has a homolog located in the nonreco mbining region of the Y chromosome. The protein sequence is 91% identical between this gene a nd 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