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anti-YBX2 antibody (Middle Region)

2 Images



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Quantity:	100 μL
Target:	YBX2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Dog, Rabbit, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YBX2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human YBX2
Sequence:	RKSRRFIPRP PSVAPPPMVA EIPSAGTGPG SKGERAEDSG QRPRRWCPPP
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 86%, Horse: 86%, Human: 100%, Mouse: 86%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against YBX2. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified
Target Details	
Target:	YBX2

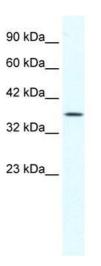
Target Details

Alternative Name:	YBX2 (YBX2 Products)	
Background:	YBX2 is a member of the Y box multigene family of proteins, it contains the cold shock domain	
	that is highly conserved among all Y box proteins and four basic/aromatic islands. By Northern	
	blotting and immunoblotting, MSY2 appears to be a germ cell-specific protein in the testis. In	
	the ovary, MSY2 is present exclusively in diplotene-stage and mature oocytes. MSY2 is	
	maternally inherited in the one-cell-stage embryo but is not detected in the late two-cell-stage	
	embryo. This loss of MSY2 is coincident with the bulk degradation of maternal mRNAs in the	
	two-cell embryo.	
	Alias Symbols: DBPC, MSY2, CSDA3, CONTRIN	
	Protein Interaction Partner: IGSF8, HDAC11, ICAM1, UBC,	
	Protein Size: 364	
Molecular Weight:	39 kDa	
Gene ID:	51087	
NCBI Accession:	NM_015982, NP_057066	
UniProt:	Q9Y2T7	
Pathways:	Chromatin Binding	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 364 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	

Handling

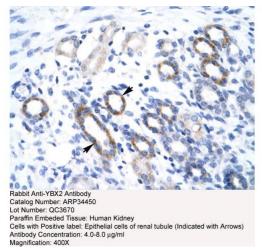
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small
	aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-YBX2 Antibody Titration:1.0ug/ml ELISA Titer: 1:12500 Positive Control: HepG2 celllysate



Immunohistochemistry

Image 2. Human kidney