antibodies - online.com







anti-HMBOX1 antibody (N-Term)





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Quantity:	100 μL
Target:	HMBOX1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Zebrafish (Danio rerio), Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMBOX1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Product Details Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human
	The immunogen is a synthetic peptide directed towards the N terminal region of human HMBOX1
Immunogen:	HMBOX1
Immunogen: Sequence:	HMBOX1 ETMSHYTDEP RFTIEQIDLL QRLRRTGMTK HEILHALETL DRLDQEHSDK
Immunogen: Sequence:	HMBOX1 ETMSHYTDEP RFTIEQIDLL QRLRRTGMTK HEILHALETL DRLDQEHSDK Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit:
Immunogen: Sequence: Predicted Reactivity:	HMBOX1 ETMSHYTDEP RFTIEQIDLL QRLRRTGMTK HEILHALETL DRLDQEHSDK Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%
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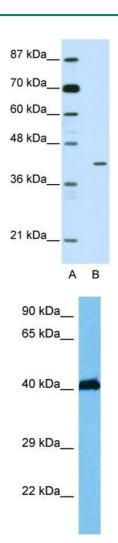
Target Details

Alternative Name:	HMBOX1 (HMBOX1 Products)	
Background:	HMBOX1 is located at the boundary of 8p12.3 and 8p21.1. HMBOX1 proteins are highly	
	conserved in human, mouse, rat, chicken and Xenopus laevis. Functional HMBOX1::EGFP	
	(enhanced green fluorescent protein) fusion protein revealed that HMBOX1 accumulated more	
	in cytoplasm than in nucleus. HMBOX1 is a transcription repressor. Human HMBOX1 is widely	
	expressed in 18 tissues, and it is highly expressed in pancreas. Hmbox1 is widely expressed in	
	mouse pancreas and the expression of this gene can also be detected in pallium, hippocampus	
	and hypothalamus.	
	Alias Symbols: PBHNF, HNF1LA	
	Protein Interaction Partner: FAM74A4, PKD1P1, FAM13C, TCEANC, RBMY2FP, ZMAT2, ZNF417	
	DYNLL2, ASB7, FRMD6, AEBP2, SFR1, REEP6, ZNF587, LNX1, FAM161A, SAP30L, HMBOX1,	
	C20orf195, C8orf33, UBE2Z, MRPL11, CARD9, SH2D4A, CBX8, UBA6, FAM206A, ZNF581,	
	MAGEH1, ZNF337, MORF4L1, FARS2, MRPL28,	
	Protein Size: 420	
Molecular Weight:	47 kDa	
Gene ID:	79618	
NCBI Accession:	NM_024567, NP_078843	
UniProt:	Q6NT76	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 420 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	

Handling

	should be handled by trained staff only.
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-HMBOX1 Antibody Titration: 2.5ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate

Western Blotting

Image 2. Host: Mouse Target Name: HMBOX1 Sample Tissue: Mouse Brain Antibody Dilution: 1ug/ml