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Datasileet iui Adinz//0332

anti-PAX1 antibody (Middle Region)



Images



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Overview	
Quantity:	100 μL
Target:	PAX1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Dog, Rabbit, Cow, Rat, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAX1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PAX1
Sequence:	AGVNRTAFPA TPAVNGLEKP ALEADIKYTQ SASTLSAVGG FLPACAYPAS
Predicted Reactivity:	Cow: 79%, Dog: 86%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against PAX1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	PAX1

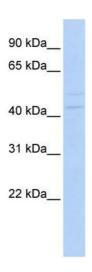
Target Details

Alternative Name:	PAX1 (PAX1 Products)	
Background:	The PAX genes, including PAX1, are a highly conserved family of developmental control genes that encode transcription factors and have been shown to play a role in pattern formation during embryogenesis in vertebrates. The PAX genes, including PAX1, are a highly conserved family of developmental control genes that encode transcription factors and have been shown to play a role in pattern formation during embryogenesis in vertebrates (McGaughran et al., 2003 [PubMed 12774041]). See PAX7 (MIM 167410) for a discussion of paired box domain genes. [supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. Alias Symbols: HUP48 Protein Interaction Partner: MEOX2, MEOX1, Protein Size: 440	
Molecular Weight:	46 kDa	
Gene ID:	5075	
NCBI Accession:	NM_006192, NP_006183	
UniProt:	P15863	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 440 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

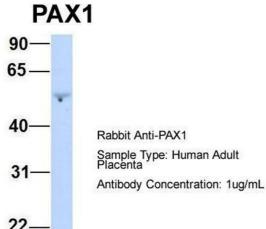
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



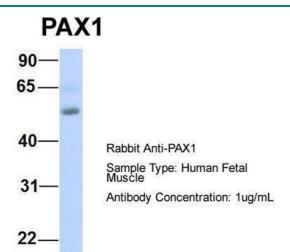
Western Blotting

Image 1. WB Suggested Anti-PAX1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: MCF7 cell lysate



Western Blotting

Image 2. Host: Rabbit Target Name: PAX1 Sample Type: Human Adult Placenta Antibody Dilution: 1.0ug/ml



Western Blotting

Image 3. Host: Rabbit Target Name: PAX1 Sample Type: Human Fetal Muscle Antibody Dilution: 1.0ug/ml