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## Datasheet for ABIN2775832 anti-VAX1 antibody (N-Term)

1 Image

1 Publication



#### Overview

Quantity:	100 μL
Target:	VAX1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VAX1 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human Vax1
Sequence:	MFGKPDKMDV RCHSDAEAAR VSKNAHKESR ESKGAEGNLP AAFLKEPQGA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against VAX1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	VAX1
Alternative Name:	Vax1 (VAX1 Products)

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## Target Details

Background:	VAX1 is a homeo-domain containing protein from a class of homeobox transcription factors
	which are conserved in vertebrates. It may play an important role in the development of anterior
	ventral forebrain and visual system. This gene encodes a homeo-domain containing protein
	from a class of homeobox transcription factors which are conserved in vertebrates. Genes of
	this family are involved in the regulation of body development and morphogenesis. The most
	conserved genes, called HOX genes are found in special gene clusters. This gene belongs to the
	VAX subfamily and lies in the vicinity of the EMX homeobox gene family. Another member of
	VAX family is located on chromosome 2. The encoded protein may play an important role in the
	development of anterior ventral forebrain and visual system. Multiple transcript variants
	encoding different isoforms have been found for this gene. PRIMARYREFSEQ_SPAN
	PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-180 AK127095.1 1-180 181-201 AL731557.7
	35785-35805 c 202-1186 AK127095.1 199-1183 1187-4494 AL731557.7 26205-29512 c
	Alias Symbols: MGC126743, MGC126745
	Protein Size: 186
Molecular Weight:	21 kDa
Gene ID <sup>.</sup>	11023

Gene ID:	11023
NCBI Accession:	NM_199131, NP_954582
UniProt:	B1AVW5

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 186 AA
Restrictions:	For Research Use only

#### Handling

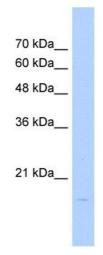
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

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	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.	
Publications		
Product cited in:	Mehrle, Rosenfelder, Schupp, del Val, Arlt, Hahne, Bechtel, Simpson, Hofmann, Hide, Glatting, Huber, Pepperkok, Poustka, Wiemann: "The LIFEdb database in 2006." in: <b>Nucleic acids</b> <b>research</b> , Vol. 34, Issue Database issue, pp. D415-8, (2005) (PubMed).	

#### Images



#### Western Blotting

**Image 1.** WB Suggested Anti-Vax1 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate