

Datasheet for ABIN2775832  
**anti-VAX1 antibody (N-Term)**[Go to Product page](#)

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 ( <a href="#">VAX1 Products</a> )

## Target Details

Background:	<p>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</p> <p>Alias Symbols: MGC126743, MGC126745</p> <p>Protein Size: 186</p>
Molecular Weight:	21 kDa
Gene ID:	11023
NCBI Accession:	<a href="#">NM_199131</a> , <a href="#">NP_954582</a>
UniProt:	<a href="#">B1AVW5</a>

## 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

## 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.

## 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 research</b> , Vol. 34, Issue Database issue, pp. D415-8, (2005) ( <a href="#">PubMed</a> ).
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## Images



**Western Blotting**

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