

Product datasheet for **TA335335**

VAX1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-Vax1 Antibody: synthetic peptide directed towards the N terminal of human Vax1. Synthetic peptide located within the following region: MFGKPKMDVVRCHSDAEAAARVSKNAHKESRESKGAEGNLPA AFLKEPQGA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	21 kDa
Gene Name:	ventral anterior homeobox 1
Database Link:	NP_954582 Entrez Gene 11023 Human Q5SQQ9



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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

Synonyms:

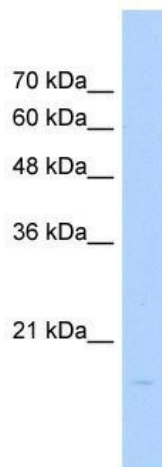
MCOPS11

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%

Protein Families:

Transcription Factors

Product images:

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