

## VAX1 Antibody

Catalog No: #43818

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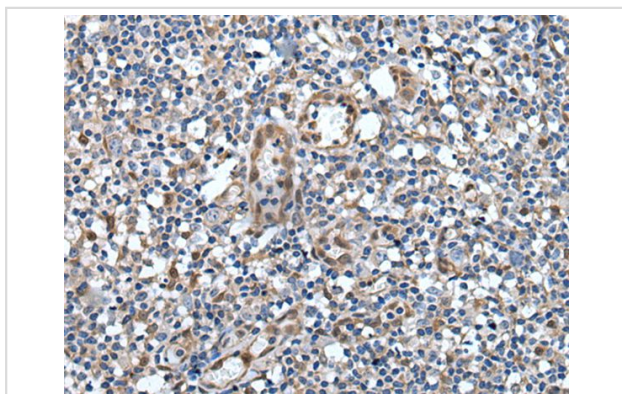
## Description

Product Name	VAX1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total VAX1 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human VAX1
Target Name	VAX1
Other Names	MCOPS11
Accession No.	Swiss-Prot#: Q5SQQ9NCBI Gene ID: 11023
Uniprot	Q5SQQ9
GeneID	11023;
Concentration	0.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

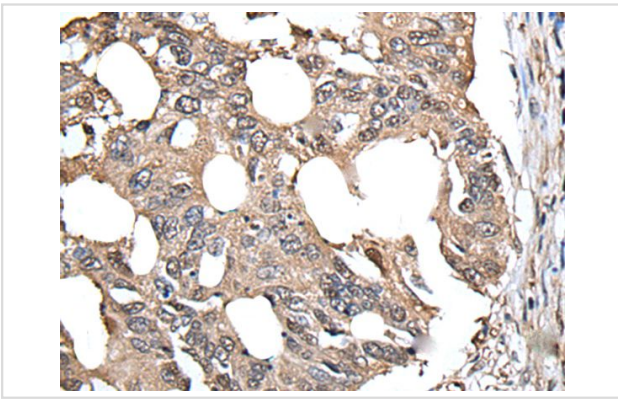
## Application Details

Immunohistochemistry: 1: 20-100

## Images



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using VAX1 Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using VAX1 Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)

## Background

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.

Note: This product is for in vitro research use only