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Datasheet for ABIN1409506  
**anti-VAX2 antibody (AA 131-205) (Cy5)**

### Overview

Quantity:	100 µL
Target:	VAX2
Binding Specificity:	AA 131-205
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VAX2 antibody is conjugated to Cy5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human VAX2
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	VAX2
Alternative Name:	VAX2 ( <a href="#">VAX2 Products</a> )
Background:	Synonyms: DRES93, Ventral anterior homeobox 2, VAX2_HUMAN.

## Target Details

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Background: VAX2 is a 290 amino acid homeobox protein that plays a crucial role in development of the eye, particularly in the specification of the ventral optic vesicle and in establishment of a correct dorsoventral pattern. VAX2 acts as a transcription factor with VAX1 to cooperatively regulate retinal differentiation, neuroepithelial cell proliferation and axial polarization in the retina. Together, VAX1 and VAX2 repress transcription of Pax-6, a strong inducer of retinal development. VAX1 and VAX2 localize to the nucleus and contain one homeobox DNA-binding domain each.

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months