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Datasheet for ABIN679993  
**anti-PITX3 antibody (AA 231-302) (Cy5.5)**

### Overview

Quantity:	100 µL
Target:	PITX3
Binding Specificity:	AA 231-302
Reactivity:	Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PITX3 antibody is conjugated to Cy5.5
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 PITX3
Isotype:	IgG
Cross-Reactivity:	Cow, Mouse, Rat
Predicted Reactivity:	Human,Dog,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	PITX3
Alternative Name:	PITX3 ( <a href="#">PITX3 Products</a> )

## Target Details

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**Background:** Synonyms: Homeobox protein PITX 3, Homeobox protein PITX3, MGC12766, Paired like homeodomain transcription factor 3, Paired-like homeodomain transcription factor 3, Pituitary homeobox 3, PITX 3, Pitx3, PITX3\_HUMAN, PTX 3, PTX3.

Background: The transcription factor PITX3 is expressed selectively in the midbrain and regulates the differentiation and survival of dopaminergic neurons. Lack of this factor results in a degeneration similar to that seen in Parkinson's disease. PITX3 is also important in eye development, mutations of the PITX3 gene have been associated with a familial form of cataracts.

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**Gene ID:** 5309

## 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

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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

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**Preservative:** ProClin

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

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**Storage:** -20 °C

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

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**Expiry Date:** 12 months