Datasheet for ABIN679991

anti-PITX3 antibody (AA 231-302) (Cy3)

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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 Cy3
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 (PITX3 Products)

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Target Details

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 developement, mutations of the PITX3 gene have been associated with a familial form of cataracts.
Molecular Weight:	30-32kDa
Gene ID:	5309

Application Details

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

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

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