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Datasheet for ABIN679997
anti-PITX3 antibody (AA 231-302) (HRP)

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 HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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)

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 development, 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: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

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