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Datasheet for ABIN6981264

anti-POU3F4 antibody (AA 1-100) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	POU3F4
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POU3F4 antibody is conjugated to Alexa Fluor 680
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 BRN4
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	POU3F4
Alternative Name:	BRN4, (POU3F4 Products)
Background:	Synonyms: class 3, transcription factor 4, Brain specific homeobox POU domain protein 4,

Target Details

Brain-4, Brain-specific homeobox/POU domain protein 4, BRAIN4, Brn-4, BRN4, DFN3, Oct-9, Octamer-binding protein 9, Octamer-binding transcription factor 9, OTF-9, OTF9, PO3F4_HUMAN, POU domain, POU domain class 3 transcription factor 4, POU3F4.,
Background: Probable transcription factor which exert its primary action widely during early neural development and in a very limited set of neurons in the mature brain. Defects in POU3F4 are a cause of deafness X-linked type 2 (DFNX2) . A mixed type of deafness characterized by both conductive hearing loss resulting from stapes (perilymphatic gusher) fixation and progressive sensorineural deafness.

Gene ID:	5456
UniProt:	P49335
Pathways:	Sensory Perception of Sound

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