

Datasheet for ABIN2460646
anti-POU4F3 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	POU4F3
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POU4F3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human POU4F3.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	POU4F3
Alternative Name:	POU4F3 (POU4F3 Products)
Background:	POU4F3 is capable of activating both BDNF and NT-3 promoters in inner ear sensory epithelial cell lines. Mutant POU4F3 loses most of its transcriptional activity and most of its ability to bind to DNA. The mutation causes autosomal-dominant nonsyndromic hearing loss and eventually leads to hair cell morbidity in affected family members.
Molecular Weight:	37 kDa

Target Details

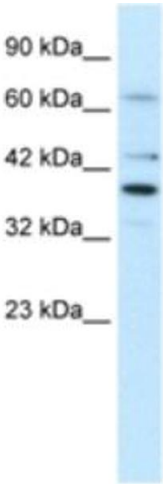
Gene ID:	5459
NCBI Accession:	NP_002691
UniProt:	Q15319
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	POU4F3 antibody can be used for detection of POU4F3 by ELISA at 1:312500. POU4F3 antibody can be used for detection of POU4F3 by western blot at 1.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store POU4F3 antibody at -20 °C.



Western Blotting

Image 1.