

POU3F4 rabbit monoclonal antibody

Catalog # H00005456-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human POU3F4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human POU3F4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human POU3F4 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	<ol style="list-style-type: none">1. Customer may provide cell or tissue lysate for antibody screening.2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)₂, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — POU3F4

Entrez GeneID	5456
GeneBank Accession#	POU3F4
Gene Name	POU3F4
Gene Alias	BRAIN-4, BRN4, DFN3, DFNX2, OTF9
Gene Description	POU class 3 homeobox 4
Omim ID	300039 304400
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the POU-III class of neural transcription factors. This gene may play a role in the mediation of epigenetic signals which induce striatal neuron-precursor differentiation. Mutations have been associated with X chromosome-linked nonsyndromic mixed deafness. [provided by RefSeq]
Other Designations	OTTHUMP00000023616 POU domain, class 3, transcription factor 4