

## Product datasheet for **TA808729AM**

### **POU4F3 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI4D12]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI4D12
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB 1:2000
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Human recombinant protein fragment corresponding to amino acids 179-338 of human POU4F3(NP_002691) produced in E.coli.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	0.5 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Biotin
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	36.9 kDa
<b>Gene Name:</b>	POU class 4 homeobox 3
<b>Database Link:</b>	<a href="#">NP_002691</a> <a href="#">Entrez Gene 18998 Mouse</a> <a href="#">Entrez Gene 364855 Rat</a> <a href="#">Entrez Gene 5459 Human</a> <a href="#">Q15319</a>
<b>Background:</b>	This gene encodes a member of the POU-domain family of transcription factors. POU-domain proteins have been observed to play important roles in control of cell identity in several systems. This protein is found in the retina and may play a role in determining or maintaining the identities of a small subset of visual system neurons. Defects in this gene are the cause of non-syndromic sensorineural deafness autosomal dominant type 15. [provided by RefSeq, Mar 2009]

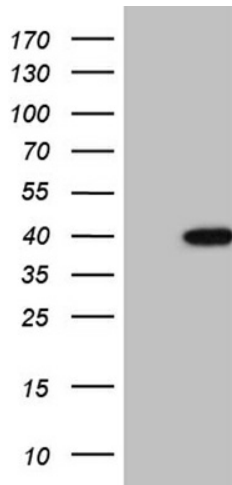


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Synonyms: BRN3C; DFNA15

Protein Families: Transcription Factors

### Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY POU4F3 ([RC211206], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-POU4F3 (1:2000). Positive lysates [LY400949] (100ug) and [LC400949] (20ug) can be purchased separately from OriGene.