

Product datasheet for **TA808720BM**

POU4F3 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI4C5]

Product data:

| | |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI4C5 |
| Applications: | WB |
| Recommended Dilution: | WB 1:2000 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 179-338 of human POU4F3(NP_002691) produced in E.coli. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | HRP |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 36.9 kDa |
| Gene Name: | POU class 4 homeobox 3 |
| Database Link: | NP_002691 Entrez Gene 18998 Mouse Entrez Gene 364855 Rat Entrez Gene 5459 Human Q15319 |
| Background: | 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] |

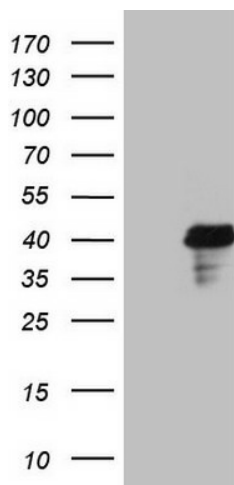


[View online »](#)

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.