

## Product datasheet for **TA800761**

### **HIF3 alpha (HIF3A) Mouse Monoclonal Antibody [Clone ID: OTI5B7]**

#### **Product data:**

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | OTI5B7   |
| Applications:           | WB   |
| Recommended Dilution:   | WB 1:500   |
| Reactivity:             | Human  |
| Host:                   | Mouse  |
| Isotype:                | IgG1   |
| Clonality:              | Monoclonal   |
| Immunogen:              | Human recombinant protein fragment corresponding to amino acids 355-669 of human HIF3A (NP_690008) produced in E.coli. |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.   |
| Concentration:          | 1 mg/ml  |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)              |
| Conjugation:            | Unconjugated   |
| Storage:                | Store at -20°C as received.  |
| Stability:              | Stable for 12 months from date of receipt.   |
| Predicted Protein Size: | 72.3 kDa   |
| Gene Name:              | hypoxia inducible factor 3 alpha subunit   |
| Database Link:          | <a href="#">NP_690008</a><br><a href="#">Entrez Gene 64344 Human</a><br><a href="#">Q9Y2N7</a>                         |



[View online »](#)

**Background:**

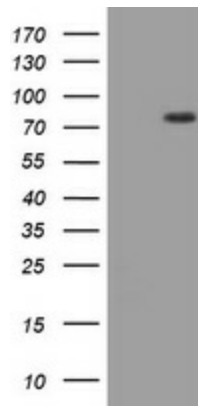
The protein encoded by this gene is the alpha-3 subunit of one of several alpha/beta-subunit heterodimeric transcription factors that regulate many adaptive responses to low oxygen tension (hypoxia). The alpha-3 subunit lacks the transactivation domain found in factors containing either the alpha-1 or alpha-2 subunits. It is thought that factors containing the alpha-3 subunit are negative regulators of hypoxia-inducible gene expression. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2011]

**Synonyms:**

bHLHe17; HIF-3A; HIF3-alpha-1; IPAS; MOP7; PASD7

**Protein Families:**

Druggable Genome, Transcription Factors

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY HIF3A ([RC210255], 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-HIF3A. Positive lysates [LY407285] (100ug) and [LC407285] (20ug) can be purchased separately from OriGene.