

## Product datasheet for **TA811202BM**

### **TBX3 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI8H5]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	OTI8H5
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 244-481 of human TBX3 (NP_057653) 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:	79.2 kDa
Gene Name:	T-box 3
Database Link:	<a href="#">NP_057653</a> <a href="#">Entrez Gene 21386 Mouse</a> <a href="#">Entrez Gene 353305 Rat</a> <a href="#">Entrez Gene 6926 Human</a> <a href="#">O15119</a>



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**Background:**

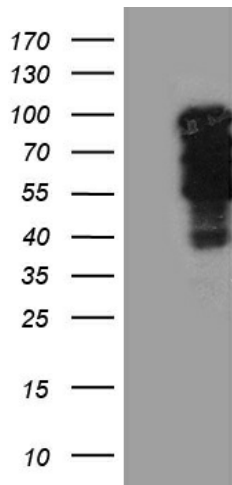
This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This protein is a transcriptional repressor and is thought to play a role in the anterior/posterior axis of the tetrapod forelimb. Mutations in this gene cause ulnar-mammary syndrome, affecting limb, apocrine gland, tooth, hair, and genital development. Alternative splicing of this gene results in three transcript variants encoding different isoforms; however, the full length nature of one variant has not been determined. [provided by RefSeq, Jul 2008]

**Synonyms:**

TBX3-ISO; UMS; XHL

**Protein Families:**

Druggable Genome, Transcription Factors

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY TBX3 (Cat# [RC206829], 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-TBX3 (Cat# [TA811202]). Positive lysates [LY413892] (100ug) and [LC413892] (20ug) can be purchased separately from OriGene.