

RecomAb™

## TBX3 recombinant monoclonal antibody, clone R07-5B9

Catalog # RAB01872      Size 100 uL

### Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TBX3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human TBX3.
Theoretical MW (kDa)	Calculated MW: 79 kD
Reactivity	Mouse
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

### Applications

- Western Blot
- Immunoprecipitation

## Gene Info — TBX3

Entrez GeneID [6926](#)

Protein Accession# [O15119](#)

Gene Name TBX3

Gene Alias TBX3-ISO, UMS, XHL

Gene Description T-box 3

Omim ID [181450 601621](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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]

**Other Designations** T-box 3 protein|T-box transcription factor TBX3|bladder cancer related protein XHL

## Disease

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- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)