

RecomAb™

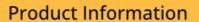
TBX3 recombinant monoclonal antibody, clone R07-5B9

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	lgG
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 shoul d be handled by trained staff only.

Applications

- Western Blot
- Immunoprecipitation





Gene Info — TBX3	
Entrez GenelD	6926
Protein Accession#	<u>O15119</u>
Gene Name	TBX3
Gene Alias	TBX3-ISO, UMS, XHL
Gene Description	T-box 3
Omim ID	<u>181450</u> <u>601621</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	This gene is a member of a phylogenetically conserved family of genes that share a common DN A-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 rol e in the anterior/posterior axis of the tetrapod forelimb. Mutations in this gene cause ulnar-mamm ary syndrome, affecting limb, apocrine gland, tooth, hair, and genital development. Alternative spli cing of this gene results in three transcript variants encoding different isoforms; however, the full le ngth 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

- Atrial Fibrillation
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hypertension