

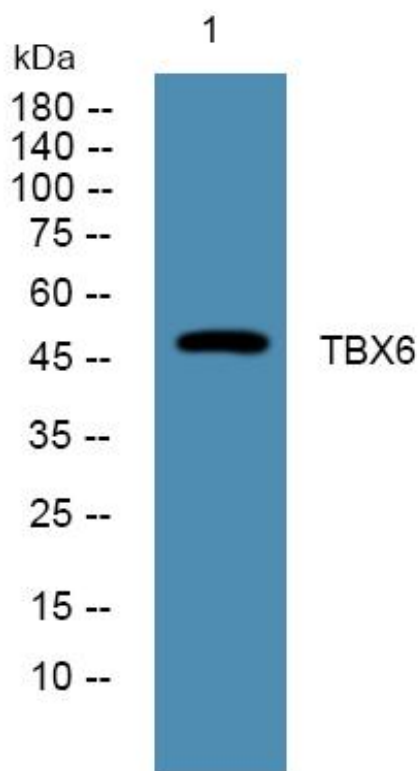


TBX6 Monoclonal Antibody

Catalog No	YP-mAb-07134
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	TBX6
Protein Name	T-box transcription factor TBX6 (T-box protein 6)
Immunogen	Synthesized peptide derived from human protein . at AA range: 230-310
Specificity	TBX6 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	47kD
Cell Pathway	Nucleus .
Tissue Specificity	Expressed in fetal tail bud, posterior spinal tissue, intervertebral disk and testis. Also expressed in adult testis, kidney, lung, muscle and thymus.
Function	developmental stage:Expressed during gastrulation and during a second phase in some adult tissues.,function:Probable transcriptional regulator involved in developmental processes. Could be required for specification of paraxial mesoderm structures during gastrulation.,similarity:Contains 1 T-box DNA-binding domain.,subunit:Forms a dimeric complex with DNA (in vitro),,tissue specificity:Expressed in fetal tail bud, posterior spinal tissue, intervertebral disk and testis. Also expressed in adult testis, kidney, lung, muscle and thymus.,
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. Knockout studies in mice indicate that this gene is important for specification of paraxial mesoderm structures. [provided by RefSeq, Aug 2008],
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using TBX6 Monoclonal Antibody