



# TBX6 Monoclonal Antibody

<b>Catalog No</b>	BYmab-07134
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	TBX6
<b>Protein Name</b>	T-box transcription factor TBX6 (T-box protein 6)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 230-310
<b>Specificity</b>	TBX6 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	47kD
<b>Cell Pathway</b>	Nucleus .
<b>Tissue Specificity</b>	Expressed in fetal tail bud, posterior spinal tissue, intervertebral disk and testis. Also expressed in adult testis, kidney, lung, muscle and thymus.
<b>Function</b>	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.,
<b>Background</b>	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

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paraxial mesoderm structures. [provided by RefSeq, Aug 2008],

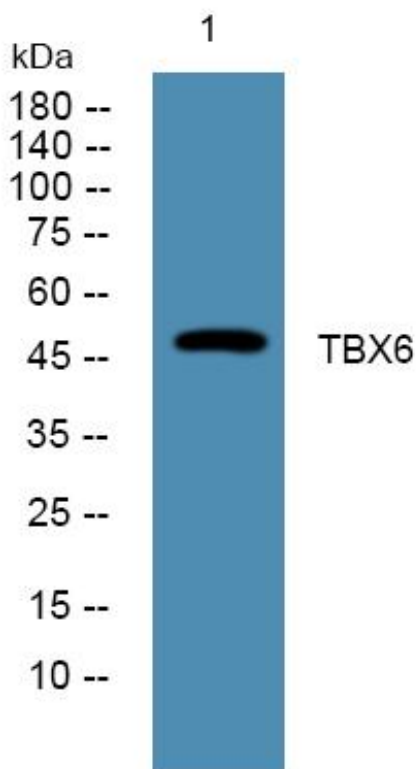
**matters needing attention**

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