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**Product Name: Brachyury (4T11) Rabbit Monoclonal Antibody****Catalog #: AMRe07637**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,FC,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.25mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:1000-1:5000,ICC/IF 1:500-1:1000,FC 1:200-1:500,IP 1:20-1:50
<b>Molecular Weight</b>	47kDa

**Antigen Information**

<b>Gene Name</b>	TBXT
<b>Alternative Names</b>	Brachyury homolog; Bry; Protein T; SAVA; TFT; T-box transcription factor T; TBXT; Brachyury protein;
<b>Gene ID</b>	6862.0
<b>SwissProt ID</b>	O15178
<b>Immunogen</b>	Recombinant protein of human Brachyury

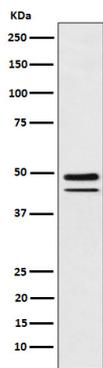
**Background**

Involved in the transcriptional regulation of genes required for mesoderm formation and differentiation. Binds to a palindromic site (called T site) and activates gene transcription when bound to such a site. Involved in the transcriptional regulation of genes required for mesoderm formation and differentiation. Binds to a palindromic T site 5'-TTCACACCTAGGTGTGAA-3' DNA sequence and activates gene transcription when bound to such a site.

## Research Area

Stem Cells; Lineage Markers; Mesoderm; Hematopoietic Progenitors; Intracellular Molecules; Cardiovascular; Heart; Cardiogenesis; Transcription factors/regulators; Developmental Biology; Lineage specification; Mesoderm

## Image Data



Western blot analysis of Brachyury expression in MUG-Chor1 (human sacral bone chordoma) cell lysate.