

**Anti-Brachyury Rabbit Monoclonal Antibody**  
Catalog # ABO15517**Specification****Anti-Brachyury Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	<a href="#">O15178</a>
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-Brachyury Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

**Anti-Brachyury Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 6862

**Other Names**

T-box transcription factor T, Brachyury protein, Protein T, TBXT ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=11515](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=11515) target="\_blank">HGNC:11515</a>), T

**Calculated MW**

47 kDa, 41 kDa KDa

**Application Details**

WB 1:500-1:2000<br>IHC 1:100-1:500<br>ICC/IF 1:100-1:500<br>IP 1:100<br>FC 1:100

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human Brachyury

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-Brachyury Rabbit Monoclonal Antibody - Protein Information**

**Name** TBXT ([HGNC:11515](#))

**Synonyms** T

**Function**

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.

**Cellular Location**

Nucleus

**Tissue Location**

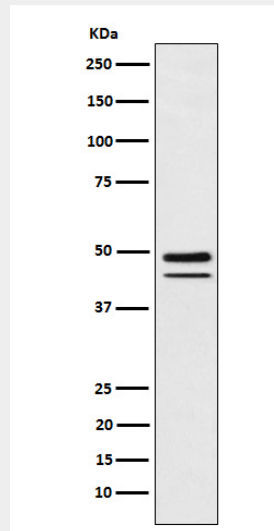
Detected in testis, but not in other, normal tissues. Detected in lung tumors (at protein level)

**Anti-Brachyury Rabbit Monoclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-Brachyury Rabbit Monoclonal Antibody - Images**



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