

**Brachyury Antibody**  
**Rabbit mAb**  
**Catalog # AP92097****Specification**

---

**Brachyury Antibody - Product Information**

|                                                                                                      |                        |
|------------------------------------------------------------------------------------------------------|------------------------|
| Application                                                                                          | WB, IHC, FC, ICC, IP   |
| Primary Accession                                                                                    | <a href="#">O15178</a> |
| Reactivity                                                                                           | Rat                    |
| Clonality                                                                                            | Monoclonal             |
| <b>Other Names</b>                                                                                   |                        |
| Brachyury homolog; Bry; Protein T; SAVA; TFT; T-box transcription factor T; TBXT; Brachyury protein; |                        |
| Isotype                                                                                              | Rabbit IgG             |
| Host                                                                                                 | Rabbit                 |
| Calculated MW                                                                                        | 47443 Da               |

**Brachyury Antibody - Additional Information**

|                              |                                                                                                                                                                                                                  |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dilution                     | WB~~1:1000<br>IHC~~1:100~500<br>FC~~1:10~50<br>ICC~~N/A<br>IP~~N/A                                                                                                                                               |
| Purification                 | Affinity-chromatography                                                                                                                                                                                          |
| Immunogen                    | A synthesized peptide derived from human Brachyury                                                                                                                                                               |
| Description                  | 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. |
| Storage Condition and Buffer | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.                                |

**Brachyury 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

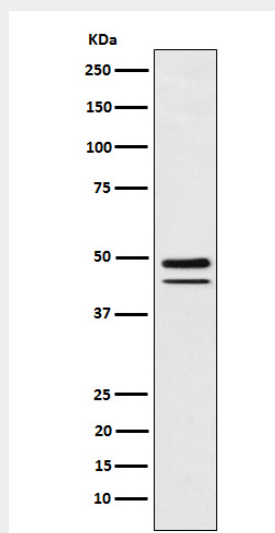
**Tissue Location**

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

**Brachyury 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](#)

**Brachyury Antibody - Images**

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