



# Brachyury polyclonal antibody

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### Box 1 | Basic Info

|                  |               |
|------------------|---------------|
| Cat. No.         | ABP-PAB-40879 |
| Animal ID        | N/A           |
| Host             | Rabbit        |
| Reactivity       | Human         |
| Format           | Purified      |
| Accession number | NP_003172     |
| Amount           | 100 µg        |

**Alternative Name(s):** TFT; T protein; T; T Brachyury, Mouse Homolog of; Transcription Factor T; T, brachyury homolog (mouse)

The Brachyury protein is required for the proper formation and differentiation of posterior mesoderm and for axial development in all vertebrates. The Brachyury gene encodes a transcription factor that binds to a specific DNA element via its N-terminal region. A protein motif within the DNA-binding domain, the so-called T box, is highly conserved among T homologs from different species and also defines a broader family of Tbox genes Brachyury functions during the earlier stages of gastrulation, which suggests that at least one of its early roles is to regulate the morphogenetic behavior of nascent mesoderm by altering cell autonomous properties.

#### Buffers

Purified rabbit polyclonal antibody supplied in PBS, pH7.7 with 0.02% (W/V) sodium azide. This antibody is purified through a peptide immunoaffinity column and neutralized immediately after elution then followed by dialysis against PBS.

#### Immunogen

KLH conjugated synthetic peptide comprised of internal amino acids of the human Brachyury protein.

#### Application:

N/A

#### Storage:

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. Avoid repeated freeze-thaw cycles.

#### References:

N/A