

Anti-Brachyury Antibody
Catalog # AN2180**Specification**

Anti-Brachyury Antibody - Product Information

Primary Accession	O15178
Host	Rabbit
Clonality	Rabbit Polyclonal
Isotype	IgG
Calculated MW	47443

Anti-Brachyury Antibody - Additional Information

Gene ID 6862

Other Names

TBXT, T-box transcription factor T, Protein T

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Anti-Brachyury Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping

Blue Ice

Anti-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](#)

Anti-Brachyury Antibody - Images**Anti-Brachyury Antibody - Background**

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 T-box genes Brachyury functions during the earlier stages of gastrulation, which suggests that at least one of its early roles is to regulate the morphogenetic behaviour of nascent mesoderm by altering cell autonomous properties.