10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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 Cytomety
- 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.