

Anti-Brachyury Antibody

Catalog # AN2180

Specification

Anti-Brachyury Antibody - Product Information

Primary Accession

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

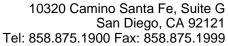
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- 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.