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Anti-Brachyury Antibody

Catalog # AN2180

Product Information

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

Additional Information

Gene ID	6862
Other Names	TBXT, T-box transcription factor T, Protein T
Dilution	WB~~1:1000
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

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.