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Brachyury Antibody

Rabbit mAb
Catalog # AP92097

Product Information

Application	WB, IHC, IF, FC, ICC, IP, IHF
Primary Accession	O15178
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	Brachyury homolog; Bry; Protein T; SAVA; TFT; T-box transcription factor T; TBXT; Brachyury protein;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	47443

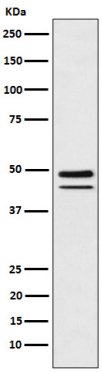
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:100~1:500 ICC/IF 1:100~1:500 IP 1:100 FC 1:100
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Brachyury
Description	Involved in the transcriptional regulation of genes required for mesoderm formation and differentiation. Binds to a palindromic site (called T site) and activates gene transcription when bound to such a site.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	TBXT (HGNC:11515)
Synonyms	T
Function	Involved in the transcriptional regulation of genes required for mesoderm formation and differentiation. Binds to a palindromic T site 5'-TTCACACCTAGGTGTGAA-3' DNA sequence and activates gene transcription when bound to such a site.
Cellular Location	Nucleus
Tissue Location	Detected in testis, but not in other, normal tissues. Detected in lung tumors (at protein level)

Images



Western blot analysis of Brachyury expression in MUG-Chor1 (human sacral bone chordoma) cell lysate.

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