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T Box Protein 3 Rabbit mAb

Catalog # AP76156

Specification

T Box Protein 3 Rabbit mAb - Product Information

Application	**WB, IP**
Primary Accession	O15119
Reactivity	**Mouse**
Host	**Rabbit**
Clonality	**Monoclonal Antibody**
Calculated MW	**79389**

T Box Protein 3 Rabbit mAb - Additional Information

Gene ID 6926

Other Names
TBX3

Dilution
WB~~1/500-1/1000
IP~~N/A

Format
Liquid

T Box Protein 3 Rabbit mAb - Protein Information

Name TBX3

Function
Transcriptional repressor involved in developmental processes (PubMed:10468588). Binds to the palindromic T site 5'- TTCACACCTAGGTGTGAA-3' DNA sequence, or a half-site, which are present in the regulatory region of several genes (PubMed:12000749). Probably plays a role in limb pattern formation (PubMed:10468588). Required for mammary placode induction, and maintenance of the mammary buds during development (By similarity). Involved in branching morphogenesis in both developing lungs and adult mammary glands, via negative modulation of target genes; acting redundantly with TBX2 (By similarity). Required, together with TBX2, to maintain cell proliferation in the embryonic lung mesenchyme; perhaps acting downstream of SHH, BMP and TGFbeta signaling (By similarity). Involved in modulating early inner ear development, acting independently of, and also redundantly with, TBX2 in different subregions of the developing ear (By similarity). Acts as a negative regulator of PML function in cellular senescence (PubMed:22002537).

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Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00201}.

Tissue Location
Widely expressed.

T Box Protein 3 Rabbit mAb - 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

T Box Protein 3 Rabbit mAb - Images