

T Box Protein 3 Rabbit mAb

Catalog # AP76156

Product Information

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

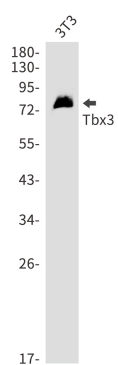
Additional Information

Gene ID	6926
Other Names	TBX3
Dilution	WB~~1/500-1/1000 IP~~N/A
Format	Liquid

Protein Information

Name	TBX3
Function	<p>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).</p>
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00201}.
Tissue Location	Widely expressed.

Images



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