

Anti-Human/Mouse YBX2 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA05143

3th Edition

Description: This gene encodes a nucleic acid binding protein which is highly expressed in germ cells. The encoded protein binds to a Y-box element in the promoters of certain genes but also binds to mRNA transcribed from these genes. Pseudogenes for this gene are located on chromosome 10 and 15. YBX2 (Y-Box Binding Protein 2) is a Protein Coding gene. Diseases associated with YBX2 include Peach Allergy and Fruit Allergy. GO annotations related to this gene include nucleic acid binding and lipid binding. An important paralog of this gene is YBX3.

Antigen: Synthesized peptide derived from the C-terminal region of human MSY2

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed in oocytes and testicular germ cells in the stage of spermatogonia to spermatocyte. Also observed placental trophoblasts, as well as in vascular smooth muscle cells in the pulmonary artery, myocardium, and skeletal muscle. Undetectable in epithelial cells in respiratory, gastrointestinal, and urogenital tracts. Up-regulated in various carcinomas and germ cell tumors (at protein level).