
YBX2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254336

Unit: 0.1 mg

Description:

Germ cell specific Y-box binding protein (YBX2), a germ-cell-specific member of the Y-box family of DNA-/RNA-binding proteins, is a major constituent of messenger ribonucleoprotein particles (mRNPs) and involved in the regulation of the stability and/or translation of germ cell mRNAs. It is proposed to function as a coactivator of transcription in the nucleus and to stabilize and store maternal and paternal mRNAs in the cytoplasm. YBX2 binds to the Y-box consensus promoter element and is expressed in oocytes and testicular germ cells in the stage of spermatogonia to spermatocyte. Recent studies show that deletion of YBX2 leads to the disruption of both spermatogenesis and oogenesis.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: YBX2; Y box binding protein 2; YBOX2; MSY2; CONTRIN; CSDA3; Dbpc; DNA-binding protein C

Accession No.: NP_057066

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human YBX2.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.