

YBOX2 Antibody

Catalog No: #34130

Package Size: #34130-1 50ul #34130-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

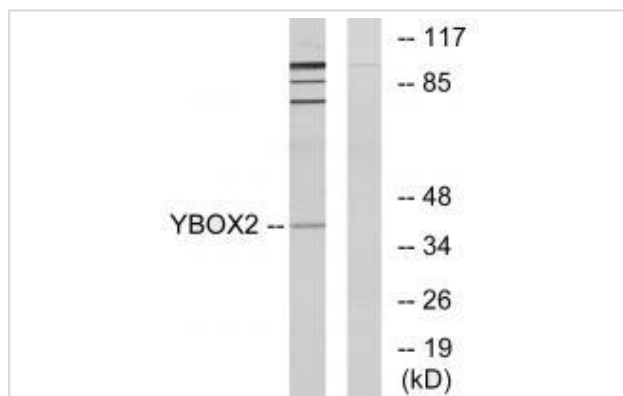
Description

| | |
|-----------------------|--|
| Product Name | YBOX2 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Applications | WB |
| Species Reactivity | Hu Ms |
| Specificity | The antibody detects endogenous levels of total YBOX2 protein. |
| Immunogen Type | Peptide |
| Immunogen Description | Synthesized peptide derived from internal of human YBOX2. |
| Target Name | YBOX2 |
| Other Names | Y-box-binding protein 2; Germ cell-specific Y-box-binding protein; Contrin; MSY2 homolog; YBX2 |
| Accession No. | Swiss-Prot: Q9Y2T7NCBI Gene ID: 51087 |
| Uniprot | Q9Y2T7 |
| GeneID | 51087; |
| SDS-PAGE MW | 38kd |
| Concentration | 1.0mg/ml |
| Formulation | Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C |

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from COLO205 cells, using YBOX2 antibody #34130.

Background

Major constituent of messenger ribonucleoprotein particles (mRNPs). Involved in the regulation of the stability and/or translation of germ cell mRNAs. Binds to Y-box consensus promoter element. Binds to full length mRNA with high affinity in a sequence-independent manner. Binds to short RNA sequences containing the consensus site 5'-UCCAUCA-3' with low affinity and limited sequence specificity. Its binding with maternal mRNAs is necessary for its cytoplasmic retention. May mark specific mRNAs (those transcribed from Y-box promoters) in the nucleus for cytoplasmic storage, thereby linking transcription and mRNA storage/translational delay By similarity.

Tekur S., J. Androl. 20:135-144(1999).

The MGC Project Team; Genome Res. 14:2121-2127(2004).

Note: This product is for in vitro research use only