



MYBBP1A (170C2R): sc-517621

BACKGROUND

MYBBP1A (MYB binding protein (P160) 1a), also known as P160 or PAP2, is a 1,328 amino acid protein that localizes to both the nucleus and the cytoplasm and is thought to shuttle between these two subcellular compartments. Expressed ubiquitously, MYBBP1A interacts with sequence specific DNA binding proteins, such as c-Jun and c-Myb, and, via these interactions, is thought to activate or repress transcription, thereby mediating gene expression. Due to its role in transcriptional regulation, MYBBP1A may be involved in tumor transformation and metastasis. MYBBP1A exists as two alternatively spliced isoforms and shares 80% sequence identity with its mouse counterpart, suggesting a conserved role between species.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: MYBBP1A (human) mapping to 17p13.2.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

SOURCE

MYBBP1A (170C2R) is a mouse monoclonal antibody raised against a recombinant protein corresponding to amino acids 1104-1328 at the C-terminus of MYBBP1A of human origin.

PRODUCT

Each vial contains 100 μ g IgG₁ kappa light chain in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

APPLICATIONS

MYBBP1A (170C2R) is recommended for detection of MYBBP1A of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000).

Suitable for use as control antibody for MYBBP1A siRNA (h): sc-93603, MYBBP1A shRNA Plasmid (h): sc-93603-SH and MYBBP1A shRNA (h) Lentiviral Particles: sc-93603-V.

Molecular Weight of MYBBP1A: 160 kDa.

RECOMMENDED SUPPORT REAGENTS

To ensure optimal results, the following support reagents are recommended:
1) Western Blotting: use m-IgG κ BP-HRP: sc-516102 or m-IgG κ BP-HRP (Cruz Marker): sc-516102-CM (dilution range: 1:1000-1:10000), Cruz Marker™ Molecular Weight Standards: sc-2035, UltraCruz® Blocking Reagent: sc-516214 and Western Blotting Luminol Reagent: sc-2048.

STORAGE

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.