

TADA2B (MB-56): sc-130479

BACKGROUND

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. TADA2B (transcriptional adapter 2- β), also known as ADA2B, is a 420 amino acid protein that contains one SANT domain (a protein-protein interaction module) and one ZZ-type zinc finger (a protein/DNA-binding motif). Localized to the nucleus, TADA2B functions as an activator for Pax-5-dependent transcription and interacts with both Brg-1 and BAF57, two proteins that assist in Pax-5-dependent transcriptional activation. Via its interactions with Brg-1 and BAF57, TADA2B helps to coordinate the histone acetyltransferase (HAT) complex and links activation factors to basal transcription machinery. Three isoforms of TADA2B exist due to alternative splicing events.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: TADA2B (human) mapping to 4p16.1.

SOURCE

TADA2B (MB-56) is a mouse monoclonal antibody raised against recombinant TADA2B of human origin.

PRODUCT

Each vial contains 100 μ g IgG_{2a} kappa light chain in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

APPLICATIONS

TADA2B (MB-56) is recommended for detection of TADA2B of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000) and immunoprecipitation [1-2 μ g per 100-500 μ g of total protein (1 ml of cell lysate)].

Suitable for use as control antibody for TADA2B siRNA (h): sc-156169, TADA2B shRNA Plasmid (h): sc-156169-SH and TADA2B shRNA (h) Lentiviral Particles: sc-156169-V.

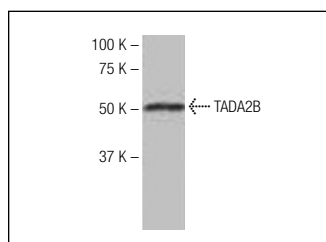
Molecular Weight of TADA2B: 55-62 kDa.

Positive Controls: K-562 whole cell lysate: sc-2203.

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, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunoprecipitation: use Protein A/G PLUS-Agarose: sc-2003 (0.5 ml agarose/2.0 ml).

DATA



TADA2B (MB-56): sc-130479. Western blot analysis of TADA2B expression in K-562 whole cell lysate.

STORAGE

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

RESEARCH USE

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

PROTOCOLS

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