

TAF II p70 (S-22): sc-134051

BACKGROUND

TFIID is a general transcription factor that facilitates the preinitiation complex assembly through direct interactions with the TATA promoter element. TFIID is a multi-subunit complex consisting of a small TATA-binding polypeptide and other TBP-associated factors (TAFs). The TAF II family members include p18, p20, p28, p30, p31, p32, p70, p100, p105, p130, p170 and p250, which is the largest subunit of TFIID. TAF II p70 (TATA-binding protein (TBP) associated factor II70), also known as TAF6, TAF2E, TAFII70, TAFII80 or TAFII85, is a member of the basal transcription complex. TAF II p70 directly interacts with TAF II p31, TAF II p20 and TAF II p250. It forms a heterodimer with TAF II p31 and may function as a p53 co-activator. The TAF II p70/TAF II p31 heterodimer forms a histone-like octamer complex with the TAF II p105/TAF II p20 heterodimer. Several TAF II p70 isoforms exist due to alternative splicing.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: TAF6 (human) mapping to 7q22.1; Taf6 (mouse) mapping to 5 G2.

SOURCE

TAF II p70 (S-22) is a Protein A purified rabbit polyclonal antibody raised against synthetic TAF II p70 peptide of human origin.

PRODUCT

Each vial contains 100 μ g IgG in 1.0 ml PBS with < 0.1% sodium azide, 0.1% gelatin and < 0.02% sucrose.

APPLICATIONS

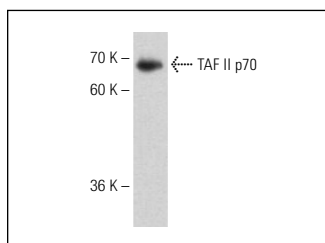
TAF II p70 (S-22) is recommended for detection of TAF II p70 of mouse, rat and human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 μ g per 100-500 μ g of total protein (1 ml of cell lysate)], immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500), immunohistochemistry (including paraffin-embedded sections) (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for TAF II p70 siRNA (h): sc-89790, TAF II p70 siRNA (m): sc-106596, TAF II p70 shRNA Plasmid (h): sc-89790-SH, TAF II p70 shRNA Plasmid (m): sc-106596-SH, TAF II p70 shRNA (h) Lentiviral Particles: sc-89790-V and TAF II p70 shRNA (m) Lentiviral Particles: sc-106596-V.

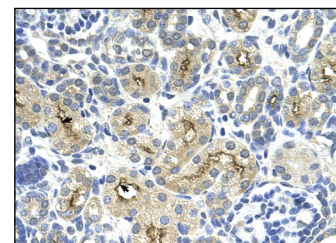
Molecular Weight of predominant TAF II p70 isoforms: 72/78 kDa.

Positive Controls: HEK293 whole cell lysate: sc-45136, HeLa whole cell lysate: sc-2200 or A-431 whole cell lysate: sc-2201.

DATA



TAF II p70 (S-22): sc-134051. Western blot analysis of human TAF II p70 transfected 293T whole cell lysate.



TAF II p70 (S-22): sc-134051. Immunoperoxidase staining of formalin-fixed, paraffin-embedded human kidney tissue showing cytoplasmic localization.

STORAGE

Store at 4 $^{\circ}$ 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.

MONOS
Satisfaction
Guaranteed

Try **TAF II p70 (D-10): sc-393842** or **TAF II p70 (585D4a): sc-81124**, our highly recommended monoclonal alternatives to TAF II p70 (S-22).