
Product Name: TAF II p68 Rabbit Polyclonal Antibody**Catalog #: APRab18612**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
Molecular Weight	62kDa

Antigen Information

Gene Name	TAF15
Alternative Names	TAF15; RBP56; TAF2N; TATA-binding protein-associated factor 2N; 68 kDa TATA-binding protein-associated factor; TAF(II)68; TAFII68; RNA-binding protein 56
Gene ID	8148.0
SwissProt ID	Q92804
Immunogen	The antiserum was produced against synthesized peptide derived from human TAF15. AA range:351-400

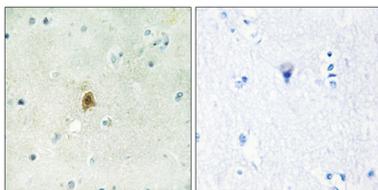
Background

This gene encodes a member of the TET family of RNA-binding proteins. The encoded protein plays a role in RNA polymerase II gene transcription as a component of a distinct subset of multi-subunit transcription initiation factor TFIIID complexes. Translocations involving this gene play a role in acute leukemia and extraskeletal myxoid chondrosarcoma, and mutations in this gene may play a role in amyotrophic lateral sclerosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2012],disease:A chromosomal aberration involving TAF15/TAF2N is found in a form of extraskeletal myxoid chondrosarcomas (EMC). Translocation t(9;17)(q22;q11) with NR4A3.,function:RNA and ssDNA-binding protein that may play specific roles during transcription initiation at distinct promoters. Can enter the preinitiation complex together with the RNA polymerase II (Pol II).,PTM:Arg-206 is dimethylated, probably to asymmetric dimethylarginine.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the RRM TET family.,similarity:Contains 1 RanBP2-type zinc finger.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:Belongs to the RNA polymerase II (Pol II) transcriptional multiprotein complex, together with the TATA-binding protein (TBP) and other TBP-associated factors (TAF(II)s). Binds SF1.,tissue specificity:Ubiquitous. Observed in all fetal and adult tissues.,

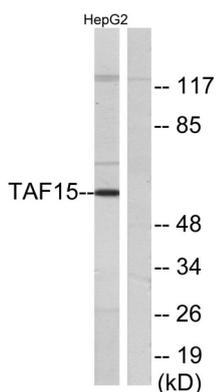
Research Area

Epigenetics and Nuclear Signaling

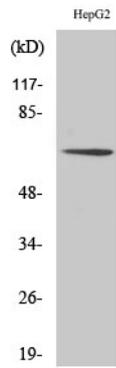
Image Data



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using TAF15 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2 cells, using TAF15 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using TAF II p68 Polyclonal Antibody