

## TAF15 Recombinant antibody

**Cat:B36202S**
**Company:** HaoKebio

**Uniprot ID:**Q92804

**Applications:** IHC:1:500-1:2000

**Organism:**Rabbit

IHC-Polymer:1:2000-1:8000

**Species reactivity:**Human Mouse Rat

IHC-TSA:1:2500-1:10000

**Molecular Weight Calculation:** 592 aa, 62 kDa

IF:1:50-1:100

**Observed Molecular Weight:** 62-75 kDa

WB:1:2000-1:16000

### Background:

TAF15 (TAF2N or TAFII68) is a nuclear protein known to associate with a distinct subpopulation of transcription factor IID (TFIID), a multi-subunit complex that nucleates the pre-initiation complex on promoters of protein-coding genes. TAF15 harbors a transcriptional activation domain, a RNA recognition motif and many Arg-Gly-Gly repeats that participate in RNA binding. TAF15 along with FUS and EWS constitutes the FET (FUS/EWS/TAF15) protein family of heterogeneous nuclear ribonucleoproteins (hnRNPs) class of RNA binding proteins that are multifunctional proteins implicated in numerous aspects of RNA processing/functions. TAF15 is a nuclear protein that shuttles between cytoplasm-nucleus and as RNA/ssDNA-binding protein, it plays specific roles during transcription initiation at distinct promoters and enters the preinitiation complex together with the RNA polymerase II. TAF15 as well as other FET member genes are frequently translocated in sarcomas and rare hematopoietic as well as epithelial cancers. Moreover, dominant mutations in genes coding for four hnRNPs (TDP-43, FUS/TLS, TAF15, and EWS) are found in familial and sporadic cases of ALS and a chromosomal aberration involving TAF15/TAF2N is found in a form of extraskeletal myxoid chondrosarcomas (EMC).

### Synonyms:

RNA-binding protein 56, RNA binding protein 56, RBP56, hTAFII68, 68 kDa TATA-binding protein-associated factor

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Nucleus,Cytoplasm

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

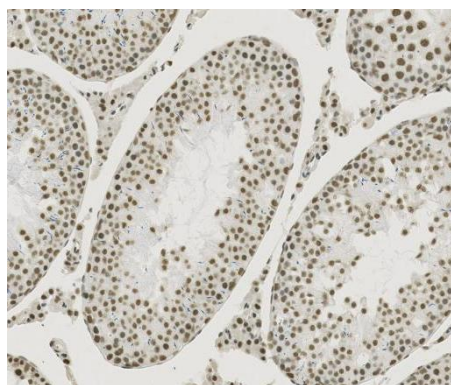
### Storage:

Store at -20 °C for one year.

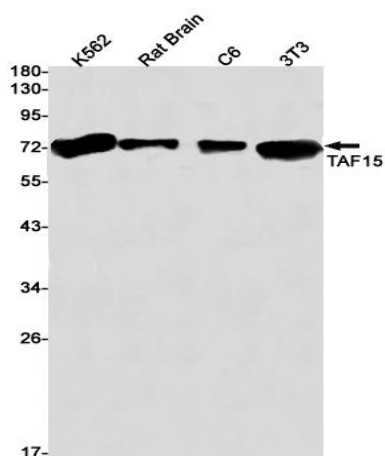
### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Mouse testis, 4% PFA 12-24h



Dilution of 1:10000 incubated at room temperature for 1.5 hours.

#### Source of Reagents:

发表[中文论文]请标注:TAF15(B36202S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:TAF15(B36202S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.