

## Anti- TAF (I) 48 Antibody

**CATALOG NO.:** XAV-8300

**SPECIES REACTIVITY:** Human

**SIZE:** 450 amino acids; 53 kDa

### BACKGROUND:

Initiation of transcription by RNA polymerase I requires the formation of a complex composed of the TATA-binding protein (TBP) and three TBP-associated factors (TAFs) specific for RNA polymerase I. This complex, also known as SL1, binds to the core promoter of ribosomal RNA genes to position the polymerase properly and acts as a channel for regulatory signals. This gene encodes the smallest SL1-specific TAF. Two transcripts encoding different isoforms have been identified.

### SOURCE:

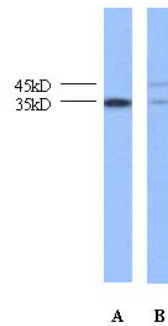
Anti- TAF (I) 48 polyclonal antibody produced in rabbits immunized with a synthetic KLH-conjugated peptide corresponding to the amino acid residue 82-95 of TAF (I) 48 of human origin. Rabbit Ig G is purified by Protein G/A affinity chromatography method.

### APPLICATION:

This polyclonal antibody can be used for the detection of synthetic KLH-conjugated peptide corresponding to the amino acid residue 82-95 of TAF (I) 48 of human origin by Western blot at a Suggested dilution at 1 µg/ml in 5% skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as second antibody. **This product is for research use only.**

### STORAGE:

TAF (I) 48 antibody is supplied in PBS buffer containing 0.02% sodium azide. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycle.



Western blot analysis of TAF (I) 48 expression in HepG2 (A) and 293T (B) cell lysates using anti- TAF (I) 48 (Cat. No. XAV-8300).

### REFERENCES:

Di Pietro, C., et al, 2000, Cytogenet. Cell Genet. 89 (1-2): 133-136