

## Product datasheet for **AP20445PU-M**

### **TSTD3 (TAF-I beta) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>Western blot:</b> 1/500 - 1/1000. <b>Immunohistochemistry on paraffin sections</b> 1/50 - 1/200.
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of TAF I p48 protein. (region surrounding Arg318)
Formulation:	Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	1.0 mg/ml
Purification:	Affinity chromatography (> 95% (by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~ 53 kDa
Gene Name:	thiosulfate sulfurtransferase (rhodanese)-like domain containing 3
Database Link:	<a href="#">Entrez Gene 307947 Rat</a> <a href="#">Entrez Gene 100130890 Human</a> <a href="#">H0UI37</a>



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**Background:**

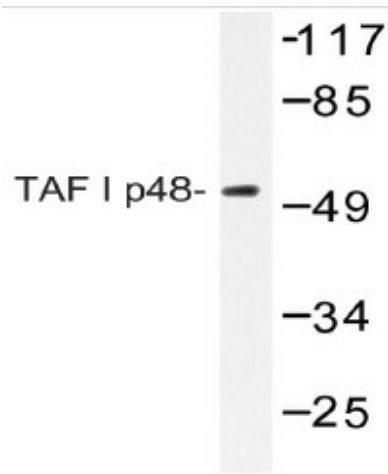
For gene transcription governed by RNA polymerase I, the human transcription factor SL1 (mouse TIF-IB) directs the assembly of initiation complexes at the promoter. Like TFIID, which directs transcription by RNA polymerase II, SL1/TIF-IB contains the TATA-binding protein (TBP) and a set of TBP-associated factors (TAFs). The three TAF I subunits, hTAF I p110, hTAF I p63 and hTAF p48 (or mouse TAF I p95, TAF I p68 and TAF I p48) are all integral components of SL1/TIF-IB. The mutually exclusive binding of either TAF I or TAF II subunits to TBP is believed to direct the formation of promoter and RNA polymerase-specific complexes.

**Synonyms:**

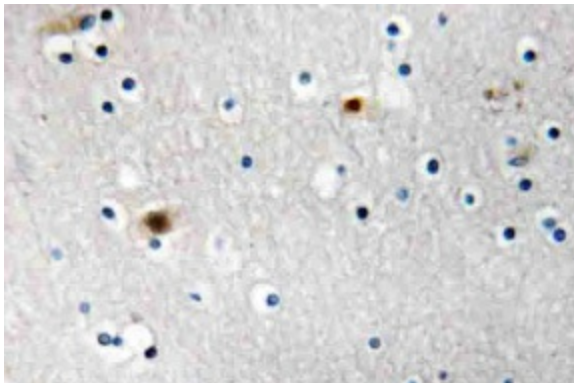
I-2PP2A, TAF-I, PHAPII, IGAAD

**Protein Families:**

Druggable Genome, Phosphatase, Stem cell - Pluripotency

**Product images:**


Western blot (WB) analyzes of TAF I p48 antibody (Cat.-No.: [AP20445PU-N]) in extracts from HeLa cells.



Immunohistochemistry (IHC) analyzes of TAF I p48 antibody (Cat.-No.: [AP20445PU-N]) in paraffin-embedded human brain carcinoma tissue.