

## Product datasheet for **AP20510PU-N**

### **TIF1 alpha (TRIM24) 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, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of TIF1alpha protein. (region surrounding Gln1034)
Formulation:	Phosphate buffered saline (PBS), pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.05% sodium azide
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:	~ 117 kDa
Gene Name:	tripartite motif containing 24
Database Link:	<a href="#">Entrez Gene 21848 Mouse</a> <a href="#">Entrez Gene 8805 Human</a> <a href="#">O15164</a>



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**Background:** The protein mediates transcriptional control by interaction with the activation function 2 (AF2) region of several nuclear receptors, including the estrogen, retinoic acid, and vitamin D3 receptors. The protein localizes to nuclear bodies and is thought to associate with chromatin and heterochromatin associated factors. The protein is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc binding domains (a RING, a B box type 1 and a B box type 2) and a coiled coil region. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene.

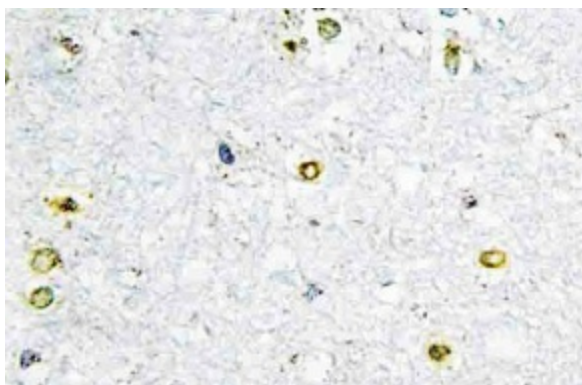
**Synonyms:** TIF1 alpha, TIF1A, TIF1, RNF82, RING finger protein 82

**Protein Families:** Druggable Genome, Protein Kinase, Transcription Factors

**Product images:**



Western blot (WB) analysis of TIF1alpha antibody (Cat.-No.: AP510PU-N) in extracts from COLO cells.



Immunohistochemistry (IHC) analysis of TIF1alpha antibody (Cat.-No.: AP510PU-N) in paraffin-embedded human brain tissue.