

# TIF1 $\alpha$ rabbit pAb

Cat No.:ES3607

For research use only

## Overview

Product Name	TIF1 $\alpha$ rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human TRIM24. AA range:1001-1050
Specificity	TIF1 $\alpha$ Polyclonal Antibody detects endogenous levels of TIF1 $\alpha$ protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Transcription intermediary factor 1-alpha
Gene Name	TRIM24
Cellular localization	Nucleus . Cytoplasm . Mitochondrion . Colocalizes with sites of active transcription. Detected both in nucleus and cytoplasm in some breast cancer samples. Predominantly nuclear. Translocated from nucleus to mitochondria to mediate antiviral immunity (PubMed:32324863). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	117kD
Human Gene ID	8805
Human Swiss-Prot Number	O15164
Alternative Names	TRIM24; RNF82; TIF1; TIF1A; Transcription intermediary factor 1-alpha; TIF1-alpha; E3

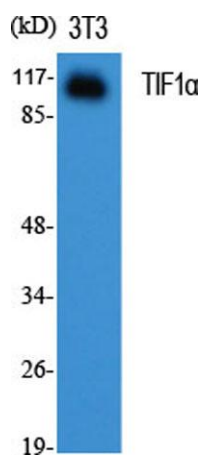




## Background

ubiquitin-protein ligase TRIM24; RING finger protein 82; Tripartite motif-containing protein 24

The protein encoded by this gene 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. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using TIF1α  
Polyclonal Antibody diluted at 1:1000



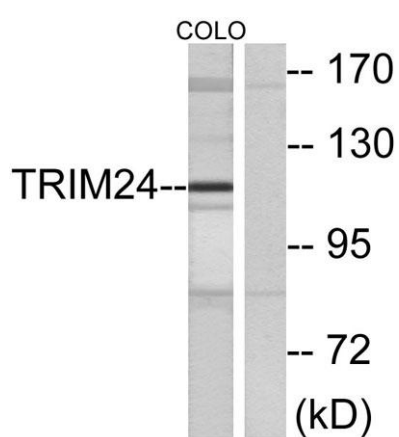
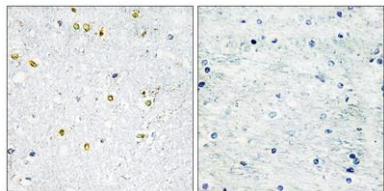
Western Blot analysis of COLO205 cells using TIF1α  
Polyclonal Antibody diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000





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Immunohistochemistry analysis of paraffin-embedded human brain tissue, using TRIM24 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COLO cells, using TRIM24 Antibody. The lane on the right is blocked with the synthesized peptide.



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