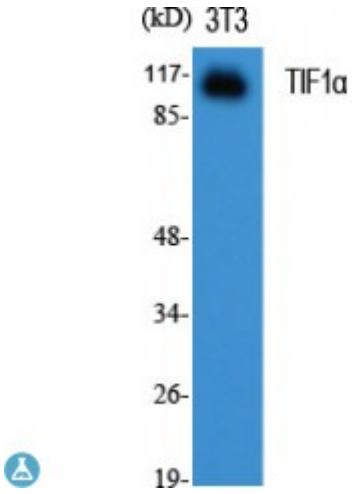
Anti-TIF alpha antibody



Description	Rabbit polyclonal to TIF1alpha.

Model	STJ96019
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human TIF1alpha
Immunogen Region	960-1040 aa, C-terminal
Gene ID	8805
Gene Symbol	TRIM24
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	TIF1alpha Polyclonal Antibody detects endogenous levels of TIF1alpha protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Transcription intermediary factor 1-alpha TIF1-alpha E3 ubiquitin-protein ligase TRIM24 RING finger protein 82 RING-type E3 ubiquitin transferase TIF1-alpha Tripartite motif-containing protein 24
Molecular Weight	116 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11812OMIM:603406
Alternative Names	Transcription intermediary factor 1-alpha TIF1-alpha E3 ubiquitin-protein ligase TRIM24 RING finger protein 82 RING-type E3 ubiquitin transferase TIF1-alpha Tripartite motif-containing protein 24
Function	Transcriptional coactivator that interacts with numerous nuclear receptors and coactivators and modulates the transcription of target genes. Interacts with chromatin depending on histone H3 modifications, having the highest affinity for histone H3 that is both unmodified at 'Lys-4' (H3K4me0) and acetylated at 'Lys-23' (H3K23ac). Has E3 protein-ubiquitin ligase activity. Promotes ubiquitination and proteasomal degradation of p53/TP53. Plays a role in the regulation of cell proliferation and apoptosis, at least in part via its effects on p53/TP53 levels. Up-regulates ligand-dependent transcription activation by AR, GCR/NR3C1, thyroid hormone receptor (TR) and ESR1. Modulates transcription activation by retinoic acid (RA) receptors, including RARA. Plays a role in regulating retinoic acid-dependent proliferation of hepatocytes .
Cellular Localization	Nucleus Cytoplasm. Colocalizes with sites of active transcription. Detected both in nucleus and cytoplasm in some breast cancer samples. Predominantly nuclear.
Post-translational Modifications	Sumoylated.