



TIF1 β (phospho-Ser824) rabbit pAb

Catalog No	BYab-01478
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA;IHC
Gene Name	TRIM28 KAP1 RNF96 TIF1B
Protein Name	TIF1 β (Ser824)
Immunogen	Synthesized phosho peptide around human TIF1 β (Ser824)
Specificity	This antibody detects endogenous levels of Human TIF1 β (phospho-Ser824)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Concentration	1 mg/ml
Purity	$\geq 90\%$
Storage Stability	-20°C/1 year
Synonyms	Transcription intermediary factor 1-beta (TIF1-beta) (E3 SUMO-protein ligase TRIM28) (EC 6.3.2.-) (KRAB-associated protein 1) (KAP-1) (KRAB-interacting protein 1) (KRIP-1) (Nuclear corepressor KAP-1) (RING finger protein 96) (Tripartite motif-containing protein 28)
Observed Band	110kD
Cell Pathway	Nucleus . Associated with centromeric heterochromatin during cell differentiation through CBX1. .
Tissue Specificity	Expressed in all tissues tested including spleen, thymus, prostate, testis, ovary, small intestine, colon and peripheral blood leukocytes.
Function	domain:Contains one Pro-Xaa-Val-Xaa-Leu (PxVxL) motif, which is required for interaction with chromoshadow domains. This motif requires additional residues -7, -6, +4 and +5 of the central Val which contact the chromoshadow domain.,domain:The HP1 box is both necessary and sufficient for HP1 binding. The RING finger domain and the B-box domains mediate interaction with CEBPB. The PHD domain enhances the CEBPB transcriptional activity.,function:Forms a complex with a KRAB-domain transcription factor and increases the efficiency of KRAB-mediated repression. Silences transcription through an interaction with

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	HP1 proteins. Acts as a corepressor of transcription for the KRAB zinc finger proteins and as a moderator of the repression activity. May play a role as a coactivator for CEBPB and NR3C1 in the transcriptional activation of the Alpha-1-acid glycoprotein gene.,PTM:Phosphorylated upon DNA
Background	The protein encoded by this gene mediates transcriptional control by interaction with the Kruppel-associated box repression domain found in many transcription factors. The protein localizes to the nucleus and is thought to associate with specific chromatin regions. The protein is a member of the tripartite motif family. This tripartite motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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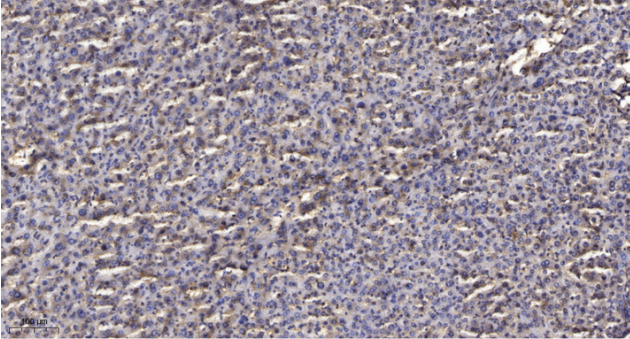
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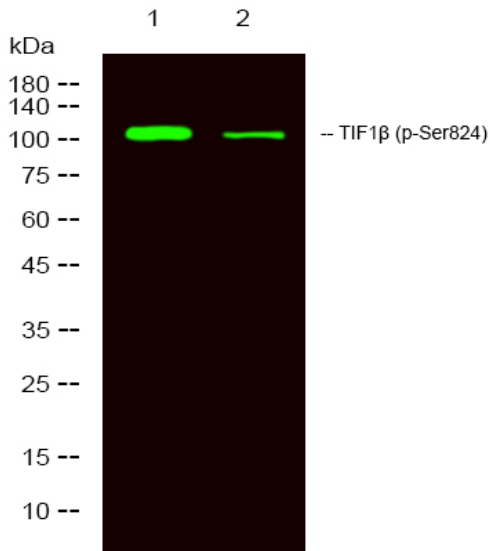
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Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



Western Blot analysis of 1 HeLa, 2 treated with LPS 100ng/mL 20min,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000