



Rabbit Anti-Trim22 antibody

SL12330R

Product Name:	Trim22
Chinese Name:	Ring finger protein94抗体
Alias:	50 kDa stimulated trans acting factor; RING finger protein 94; RNF94; Staf-50; RNF94; Staf 50; STAF50; Stimulated trans acting factor (50 kDa); Stimulated Trans Acting Factor (homolog of Mouse Rpt 1 gene); Trim22; Tripartite binding motif 22; Tripartite motif containing protein 22; TTRIM22RIM22; TRI22 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	57kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Human Trim22/Staf-50/RNF94:231-330/498
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The tripartite motif (TRIM) family of proteins are characterized by a conserved TRIM domain that includes a coiled-coil region, a B-box type zinc finger, one RING finger and three zinc-binding domains. Staf-50 (50 kDa-stimulated trans-acting factor), also

known as TRIM22 (tripartite motif-containing 22), RNF94 or GPSTAF50, is a 498 amino acid cytoplasmic protein that belongs to the TRIM family and, characteristic of TRIM family members, contains one RING-type zinc finger, one B box-type zinc finger and one SPRY domain. Induced by IFN- α and IFN- γ , Staf-50 is strongly expressed in ovary, spleen, thymus and peripheral blood leukocytes where it is thought to mediate the antiviral effects of IFN proteins. Additionally, Staf-50 is present in leukemic cells, suggesting a role in cancer formation and metastasis. Staf-50 exists as two alternatively spliced isoforms which are encoded by a gene that maps to human chromosome 11.

Function:

Trim22 is an interferon inducible protein that is preferentially expressed in cells of the haematopoietic system. Trim22 has been shown to be a p53 target gene. It also has an activation stage specific role connected to the paracrine crosstalk during T lymphocyte activation. It is strongly expressed in peripheral blood leukocytes, spleen, thymus, and ovary; expressed at basal levels in other tissues. There are two named isoforms.

Subunit:

Interacts with HIV-1 Gag polyprotein; this interaction seems to reduce gag production or virus budding. Interacts with EMCV protease 3C; this interaction leads to viral protease ubiquitination.

Subcellular Location:

Cytoplasm. Nucleus.

Tissue Specificity:

Strongly expressed in peripheral blood leukocytes, spleen, thymus, and ovary. Expressed at basal levels in other tissues.

Post-translational modifications:

Auto-ubiquitinated.

Similarity:

Belongs to the TRIM/RBCC family.
Contains 1 B box-type zinc finger.
Contains 1 B30.2/SPRY domain.
Contains 1 RING-type zinc finger.

SWISS:

Q8IYM9

Gene ID:

10346

Database links:

[Entrez Gene: 10346](#) Human

[Oimim: 606559](#) Human

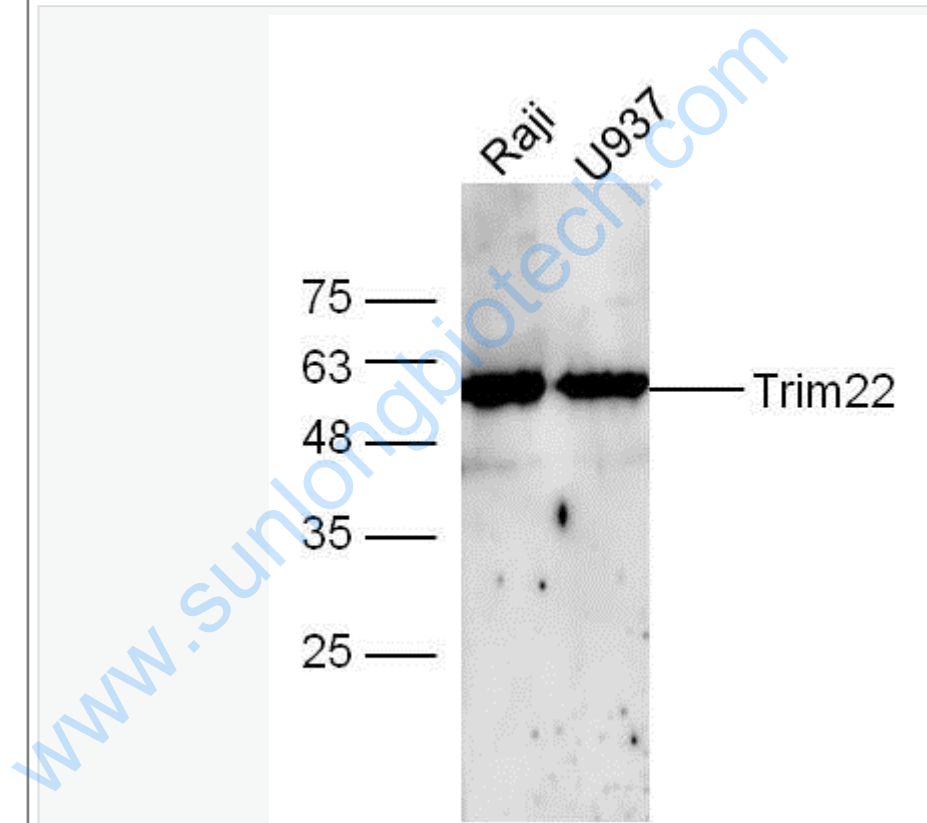
[SwissProt: Q8IYM9](#) Human

[Unigene: 501778](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

Raji Cell (Human) Lysate at 40 ug

U937 Cell (Human) Lysate at 40 ug

Primary: Anti-Trim22 (SL12330R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

	<p>Predicted band size: 57 kD</p>
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	<p>Observed band size: 57 kD</p>
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