

Datasheet for ABIN501044
anti-TRIM25 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	TRIM25
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIM25 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	TRIM25 antibody was raised against a 19 amino acid peptide from near the carboxy terminus of human TRIM25.
Isotype:	IgG
Specificity:	This antibody detects TRIM25 / RNF147 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse
Purification:	Peptide affinity chromatography

Target Details

Target:	TRIM25
Alternative Name:	TRIM25 / RNF147 (TRIM25 Products)

Target Details

Background: TRIM25, also known as estrogen responsive finger protein (EFP) is a member of the RING finger-B box-coiled coil family and is a downstream target of estrogen receptor α . Mice lacking this gene displayed an underdeveloped uterus and reduced estrogen responsiveness demonstrating that this protein is essential for estrogen dependent proliferation. TRIM25 expression is increased in breast carcinoma where it promotes the growth of breast tumor by functioning as an E3 ubiquitin ligase that targets the negative cell cycle checkpoint 14-3-3s. Recent reports have indicated that TRIM25 E3 ubiquitin ligase is essential for the retinoic-acid-inducible gene 1 (RIG-1) signaling pathway to elicit host antiviral innate immunity. **Synonyms:** EFP, Estrogen-responsive finger protein, RING finger protein 147, Tripartite motif-containing protein 25, ZNF147, Zinc finger protein 147

Gene ID: 7706

NCBI Accession: [NP_005073](#)

Application Details

Application Notes: ELISA. Western blot: 1 - 2 μ g/mL. Immunofluorescence.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

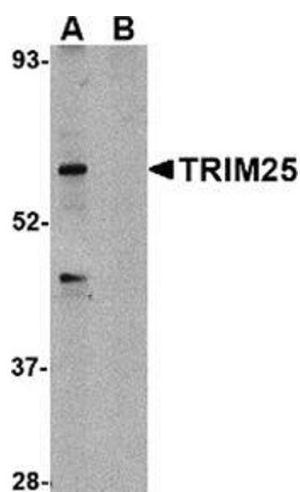
Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunofluorescence

Image 1. Immunocytochemistry of TRIM25 in HeLa cells with this product at 20 µg/ml.



Western Blotting

Image 2. Western blot analysis of TRIM25 in HeLa cell lysate in (A) the absence and (B) presence of blocking peptide with this product at 1 µg/ml.