

[Go to Product page](#)

Datasheet for ABIN1401130

**anti-TRIM50 antibody (Alexa Fluor 488)**

## Overview

Quantity:	100 µL
Target:	TRIM50
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIM50 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TRIM50
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

## Target Details

Target:	TRIM50
Alternative Name:	TRIM50 ( <a href="#">TRIM50 Products</a> )
Background:	<p>Synonyms: E3 ubiquitin ligase, E3 ubiquitin protein ligase TRIM50, TRIM50A, Tripartite mot containing protein 50, tripartite mot protein 50A, tripartite mot-containing 50A, TRI50_HUMAN.</p> <p>Background: 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</p>

## Target Details

three zinc-binding domains. TRIM50 (tripartite motif containing 50), also known as TRIM50A or E3 ubiquitin-protein ligase TRIM50, is a 487 amino acid cytoplasmic protein that functions as an E3 ubiquitin-protein ligase. Containing one RING-type zinc finger, a B30.2/SPRY domain and a single B box-type zinc finger, TRIM50 belongs to the TRIM/RBCC family and undergoes post-translational auto-ubiquitination. TRIM50 exists as two alternatively spliced isoforms, designated TRIM50 alpha and TRIM50 beta, and has the ability to form dimers and trimers. The gene encoding TRIM50 maps to human chromosome 7, which houses over 1,000 genes, comprises nearly 5 % of the human genome and has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome.

Gene ID: 135892

## Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months