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Datasheet for ABIN1386954 **anti-TRIM50 antibody**

Overview

Quantity:	100 µL
Target:	TRIM50
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIM50 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (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 (TRIM50 Products)
Background:	Synonyms: E3 ubiquitin ligase, E3 ubiquitin protein ligase TRIM50, TRIM50A, Tripartite motif containing protein 50, tripartite motif protein 50A, tripartite motif-containing 50A, TRI50_HUMAN. Background: The tripartite motif (TRIM) family of proteins are characterized by a conserved

Target Details

TRIM domain that includes a coiled-coil region, a B-box type zinc finger, one RING finger and 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: WB 1:300-5000
IHC-P 1:200-400
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months