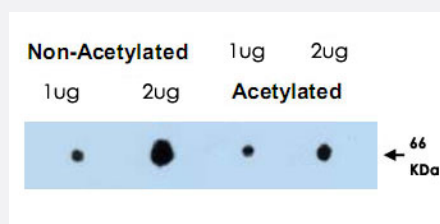


TRIM29 polyclonal antibody

Catalog # PAB9976 Size 100 ug

Applications

Western Blot (Recombinant protein)



Western blot using TRIM29 polyclonal antibody (Cat # PAB9976) shows reactivity by dot blot with acetylated and non-acetylated forms of the immunizing peptide.

This antibody is predicted to recognize both acetylated (TRIM29) and non-acetylated forms of TRIM29 protein.

Personal communication, Z. Yuan, H Lee Moffitt Cancer Center and Research Institute.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant TRIM29.
Immunogen	Recombinant protein corresponding to internal region around K116 of human TRIM29.
Host	Rabbit
Reactivity	Bovine, Chimpanzee, Horse, Human, Macaque, Mouse, Rat
Specificity	This antibody reacts with over-expressed, acetylated and non-acetylated (at K116) ATDC protein.
Form	Liquid
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	ELISA (1:100000) Western Blot (1:500-1:3000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2 (0.01% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

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

Applications

- Western Blot (Recombinant protein)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — TRIM29

Entrez GeneID [23650](#)

Protein Accession# [NP_036233;Q14134](#)

Gene Name TRIM29

Gene Alias ATDC, FLJ36085

Gene Description tripartite motif-containing 29

Omim ID [610658](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the TRIM protein family. It has multiple zinc finger motifs and a leucine zipper motif. It has been proposed to form homo- or heterodimers which are involved in nucleic acid binding. Thus, it may act as a transcriptional regulatory factor involved in carcinogenesis and/or differentiation. It may also function in the suppression of radiosensitivity since it is associated with ataxia telangiectasia phenotype. [provided by RefSeq]

Other Designations ataxia-telangiectasia group D-associated protein|tripartite motif protein TRIM29

Publication Reference

- [The product of the ataxia-telangiectasia group D complementing gene, ATDC, interacts with a protein kinase C substrate and inhibitor.](#)

Brzoska PM, Chen H, Zhu Y, Levin NA, Disatnik MH, Mochly-Rosen D, Murnane JP, Christman MF.

PNAS 1995 Aug; 92(17):7824.

Application: IF, Human, LM217 cells

- [Nucleotide sequence analysis of a candidate gene for ataxia-telangiectasia group D \(ATDC\).](#)

Leonhardt EA, Kapp LN, Young BR, Murnane JP.

Genomics 1994 Jan; 19(1):130.

- [Cloning of a candidate gene for ataxia-telangiectasia group D.](#)

Kapp LN, Painter RB, Yu LC, van Loon N, Richard CW 3rd, James MR, Cox DR, Murnane JP.

American Journal of Human Genetics 1992 Jul; 51(1):45.

Application: WB-Ce, WB-Tr, Human, HeLa cells, Mammalian cells

Disease

- [Tobacco Use Disorder](#)