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Rabbit Anti-TRIM29 (acetyl K116)/AF350 Conjugated antibody

SL16731R-AF350

Product Name	Anti-TRIM29 (acetyl K116)/AF350
Chinese Name	AF350 标记的乙酰化 TRIM29 蛋白抗体
Alias	Ataxia telangiectasia group D associated protein; Ataxia telangiectasia group D-associated protein; ATDC; FLJ36085; TRI29_HUMAN; TRIM 29; TRIM29; Tripartite motif containing 29; Tripartite motif containing protein 29; Tripartite motif protein 29; Tripartite motif protein TRIM29; Tripartite motif-containing protein 29.
Product Type	Acetylated anti
Research Area	Cell biology immunology Signal transduction transcriptional regulatory factor Epigenetics
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Pig,Cow,Rabbit)
Applications	ICC/IF=1:50-200,IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	66kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated Synthesised acetylpeptide derived from human TRIM29 around the acetylation site of K116
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Product Detail

background:
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, Jul 2008]

Function:
It is able to complement the radiosensitivity defect of an ataxia telangiectasia (AT) fibroblast cell line.

Subcellular Location:
Cytoplasm. Colocalizes with intermediate filaments.

Tissue Specificity:
Expressed in placenta, prostate and thymus.

Post-translational modifications:
Constitutively phosphorylated by PKC on serine/threonine in A431 cells.

Similarity:
Contains 1 B box-type zinc finger.

Database links:

Entrez Gene: 23650 Human

Entrez Gene: 525062 Cow

Entrez Gene: 72169 Mouse

Entrez Gene: 300656 Rat

Omim: 610658 Human

SwissProt: Q14134 Human

SwissProt: Q8R2Q0 Mouse

Unigene: 504115 Human

Unigene: 273277 Mouse

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