10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TRIM29 Antibody

Rabbit mAb
Catalog # AP92355

Product Information

Application	WB
Primary Accession	Q14134
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	ATDC; TRIM29;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	65835

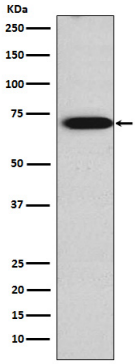
Additional Information

Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human TRIM29
Description	It is able to complement the radiosensitivity defect of an ataxia telangiectasia (AT) fibroblast cell line.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	TRIM29
Synonyms	ATDC
Function	Plays a crucial role in the regulation of macrophage activation in response to viral or bacterial infections within the respiratory tract. Mechanistically, TRIM29 interacts with IKBKG/NEMO in the lysosome where it induces its 'Lys-48' ubiquitination and subsequent degradation. In turn, the expression of type I interferons and the production of pro-inflammatory cytokines are inhibited. Additionally, induces the 'Lys-48' ubiquitination of STING1 in a similar way, leading to its degradation.
Cellular Location	Cytoplasm. Lysosome. Note=Colocalizes with intermediate filaments
Tissue Location	Expressed in placenta, prostate and thymus.

Images



Western blot analysis of TRIM29 expression in JAR cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.