

Product Name: TRIM29 (18R2) Rabbit Monoclonal Antibody
Catalog #: AMRe19272



Summary

Production Name	TRIM29 (18R2) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	TRIM29
Alternative Names	ATDC; TRIM29;
Gene ID	23650.0
SwissProt ID	Q14134.A synthetic peptide of human TRIM29

Application

Dilution Ratio	WB: 1:1000
Molecular Weight	66kDa

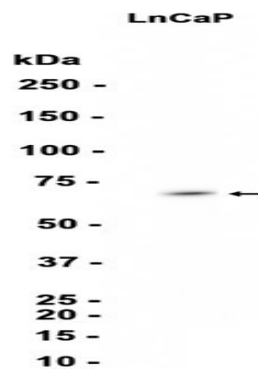
Background

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It is able to complement the radiosensitivity defect of an ataxia telangiectasia (AT) fibroblast cell line. 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 proinflammatory cytokines are inhibited. Additionally, induces the 'Lys-48' ubiquitination of STING1 in a similar way, leading to its degradation.

Research Area

Image Data



Western blot analysis of extracts from LnCaP cells using RM6325 at 1:1000.

Note

For research use only.