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

Anti-TRIM29 Antibody (aa4-129)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17395

Product Information

Application	WB, IHC-P
Primary Accession	Q14134
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65835
Concentration (mg/ml)	0.5 mg/ml

Additional Information

Gene ID	23650
Alias Symbol	TRIM29
Other Names	TRIM29, ATDC, Tripartite motif containing 29, Tripartite motif-containing 29
Target/Specificity	Human TRIM29
Reconstitution & Storage	PBS, 0.05% sodium azide. Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Precautions	Anti-TRIM29 Antibody (aa4-129) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

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