

TRIM29 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS14278**Specification**

TRIM29 Antibody (Internal) - Product Information

Application	WB, IHC
Primary Accession	Q14134
Reactivity	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Pig, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	66kDa KDa

TRIM29 Antibody (Internal) - Additional Information**Gene ID** 23650**Other Names**

Tripartite motif-containing protein 29, Ataxia telangiectasia group D-associated protein, TRIM29, ATDC

Target/Specificity

Human TRIM29.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

TRIM29 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

TRIM29 Antibody (Internal) - 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.

Volume

50 µl

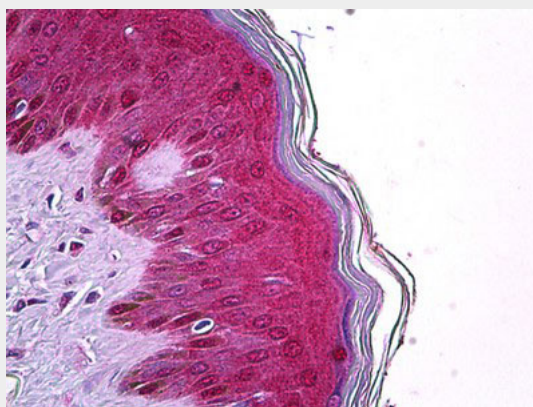
TRIM29 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TRIM29 Antibody (Internal) - Images

TRIM29 antibody (1 ug/ml) staining of Peripheral Blood Lymphocytes lysate (35 ug protein/ml in...



Anti-TRIM29 antibody IHC of human skin.

TRIM29 Antibody (Internal) - Background

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

line.

TRIM29 Antibody (Internal) - References

Leonhardt E.A.,et al.Genomics 19:130-136(1994).
Reymond A.,et al.EMBO J. 20:2140-2151(2001).
Brzoska P.M.,et al.Proc. Natl. Acad. Sci. U.S.A. 92:7824-7828(1995).
Laderoute K.R.,et al.Int. J. Cancer 66:772-778(1996).
Beausoleil S.A.,et al.Nat. Biotechnol. 24:1285-1292(2006).