

TRAFD1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17218b

Product Information

Application	WB, E
Primary Accession	O14545
Other Accession	Q4R970 , NP_001137378.1 , NP_006691.1
Reactivity	Human
Predicted	Monkey, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36908
Calculated MW	64841
Antigen Region	542-569

Additional Information

Gene ID	10906
Other Names	TRAF-type zinc finger domain-containing protein 1, Protein FLN29, TRAFD1, FLN29
Target/Specificity	This TRAFD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 542-569 amino acids from the C-terminal region of human TRAFD1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TRAFD1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TRAFD1
Synonyms	FLN29

Function

Negative feedback regulator that controls excessive innate immune responses. Regulates both Toll-like receptor 4 (TLR4) and DDX58/RIG1-like helicases (RLH) pathways. May inhibit the LTR pathway by direct interaction with TRAF6 and attenuation of NF-kappa-B activation. May negatively regulate the RLH pathway downstream from MAVS and upstream of NF-kappa-B and IRF3 (By similarity).

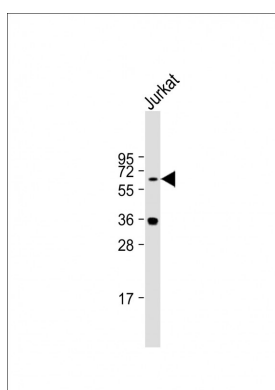
Background

The innate immune system confers host defense against viral and microbial infection, and TRAFD1 is a negative feedback regulator that controls excessive immune responses (Sanada et al., 2008 [PubMed 18849341]).

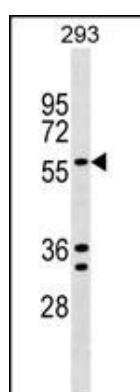
References

Ganesh, S.K., et al. Nat. Genet. 41(11):1191-1198(2009)
Sanada, T., et al. J. Biol. Chem. 283(49):33858-33864(2008)
Nature 447(7145):661-678(2007)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)

Images



Anti-TRAFD1 Antibody (C-term) at 1:1000 dilution + Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 65 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



TRAFD1 Antibody (C-term) (Cat. #AP17218b) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the TRAFD1 antibody detected the TRAFD1 protein (arrow).

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