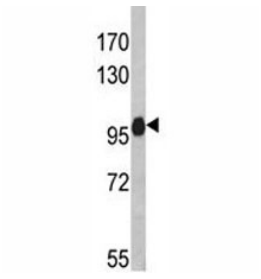
Anti-NLRP12 Antibody (F50275)

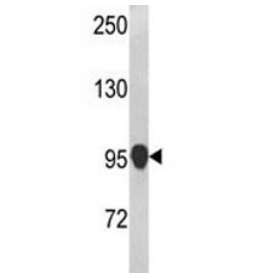
Catalog No.	Formulation	Size
F50275-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50275-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P59046
Applications	Western blot: 1:1000
Limitations	This anti-NLRP12 antibody is available for research use only.



Western blot analysis of anti-NLRP12 antibody and HL-60 lysate. Predicted molecular weight: ~119kDa, routinely observed at 100~119kDa.



Western blot analysis of anti-NLRP12 antibody and mouse testis tissue lysate. Predicted molecular weight: ~119kDa, routinely observed at 100~119kDa.

Description

NALPs are cytoplasmic proteins that form a subfamily within the larger CATERPILLER protein family. Most short NALPs, such as NALP12, have an N-terminal pyrin (MEFV; MIM 608107) domain (PYD), followed by a NACHT domain, a NACHT-associated domain (NAD), and a C-terminal leucine-rich repeat (LRR) region. The long NALP, NALP1 (MIM 606636), also has a C-terminal extension containing a function to find domain (FIIND) and a caspase recruitment domain (CARD). NALPs are implicated in the activation of proinflammatory caspases (e.g., CASP1; MIM 147678) via their involvement in multiprotein complexes called inflammasomes.

Application Notes

Titration of the anti-NLRP12 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This anti-NLRP12 antibody was produced from rabbits immunized with human NLRP12 recombinant protein.

Storage

Aliquot the anti-NLRP12 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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