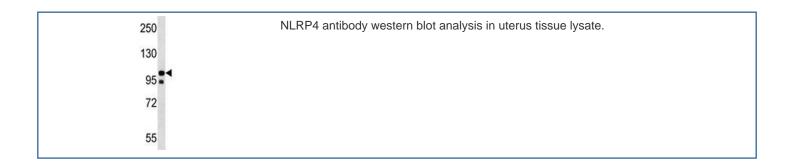


NLRP4 Antibody (F46773)

| Catalog No. | Formulation | Size |
|---------------|--|---------|
| F46773-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F46773-0.08ML | 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 |
| Format | Antigen affinity purified |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit Ig |
| Purity | Antigen affinity |
| UniProt | Q96MN2 |
| Applications | Western Blot: 1:1000 |
| Limitations | This NLRP4 antibody is available for research use only. |



Description

NALPs are cytoplasmic proteins that form a subfamily within the larger CATERPILLER protein family. Most short NALPs, such as NALP4, 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 (Tschopp et al., 2003 [PubMed 12563287]).

Application Notes

Titration of the NLRP4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 121-149 from the human protein was used as the immunogen for this NLRP4 antibody.

Storage

Aliquot the NLRP4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.