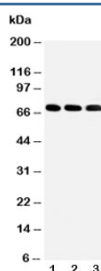


IRAKM Antibody (R31330)

| Catalog No. | Formulation | Size |
|-------------|---|--------|
| R31330 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

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 |
| Buffer | Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal |
| UniProt | Q9Y616 |
| Applications | Western Blot : 0.5-1ug/ml |
| Limitations | This IRAKM antibody is available for research use only. |



Western blot testing of IRAKM antibody and Lane 1: HeLa; 2: Jurkat; 3: HUT102 cell lysate. Predicted molecular weight: ~68kDa.

Description

Interleukin-1 receptor-associated kinase 3, also called IRAK3 or IRAKM is an enzyme that in humans is encoded by the IRAK3 gene. The IRAKM gene consists of 12 exons spanning a region of approximately 60 kb in chromosome 12q14.3. This gene encodes a member of the interleukin-1 receptor-associated kinase protein family. Members of this family are essential components of the Toll/IL-R immune signal transduction pathways. This protein is primarily expressed in monocytes and macrophages and functions as a negative regulator of Toll-like receptor signaling. Mutations in this gene are associated with a susceptibility to asthma.

Application Notes

The stated application concentrations are suggested starting points. Titration of the IRAKM antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human IRAKM (WFPKYIVPSQDLRPYKVNID) was used as the immunogen for this IRAKM antibody.

Storage

After reconstitution, the IRAKM antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.