

## Anti-IRAKM/IRAK3 Antibody Picoband®

Catalog Number: PA2207-1

### About IRAK3

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.

### Overview

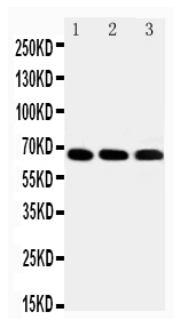
Product Name	Anti-IRAKM/IRAK3 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-IRAKM/IRAK3 Antibody catalog # PA2207-1. Tested in WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub> . *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9Y616

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human IRAKM.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins

Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5ug/ml, Human

## Anti-IRAKM/IRAK3 Antibody Picoband® (PA2207-1) Images



Anti-IRAKM antibody, PA2207-1, Western blotting  
Lane 1: HELA Cell Lysate  
Lane 2: JURKAT Cell Lysate  
Lane 3: HUT102 Cell Lysate

### Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-IRAKM/IRAK3 Antibody

For Research Use Only. Not for use in diagnostic procedures.