

Product Datasheet

IRAK3 Antibody NB100-96912

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 1

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Updated 9/9/2025 v.20.1

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NB100-96912

IRAK3 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat IRAK3 Antibody (NB100-96912) is a polyclonal antibody validated for use in WB and ELISA. Anti-IRAK3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	11213
Gene Symbol	IRAK3
Species	Mouse, Rat
Immunogen	Peptide with sequence C-GHSYGSKPMEKR corresponding to internal region (near C-Terminus) according to NP_082955.2.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.03 - 0.1 ug/ml, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Approx 65-70 kDa band observed in Rat Liver lysates, and in preliminary testing of Rat Adrenal Gland lysate (calculated MW of 69.0 kDa according to NP_001101571.1 and 67.8 kDa according to NP_082955.2). An approx. 70 kDa band is observed in mouse bone marrow lysates but this band disappears in lysates from the knock-out mouse.



Images

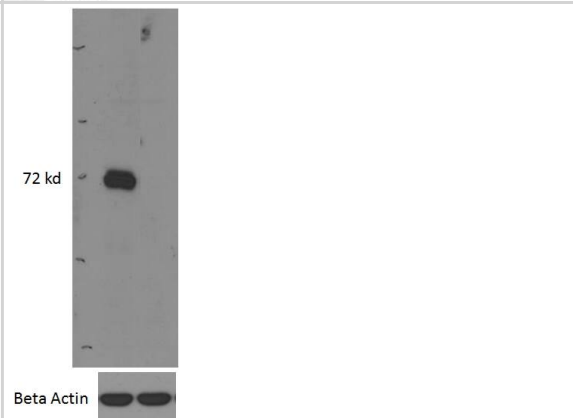
Western Blot: IRAK3 Antibody [NB100-96912] - Staining (0.1ug/ml) of Rat Liver lysate (35ug protein in RIPA buffer). Detected with chemiluminescence.



250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Detailed description: A Western blot image showing a single prominent band at approximately 65 kDa in a rat liver lysate. The molecular weight markers on the right range from 250 kDa to 15 kDa in 25 kDa increments.

Western Blot: IRAK3 Antibody [NB100-96912] - (0.5ug/ml) staining of Mouse Bone Marrow (wildtype first lane, KO second lane) lysates (35ug protein in RIPA buffer). Primary incubation was overnight at 4C Detected with chemiluminescence. Data obtained from anonymous customer.



72 kd
Beta Actin

Detailed description: A Western blot image comparing wildtype (left lane) and knockout (right lane) mouse bone marrow lysates. The top panel shows IRAK3 staining with a band at 72 kDa in the wildtype lane and no band in the KO lane. The bottom panel shows Beta Actin staining as a loading control, with bands of similar intensity in both lanes.

Publications

Balaci L, Spada MC, Olla N et al. IRAK-M is involved in the pathogenesis of early-onset persistent asthma. *Am J Hum Genet* 2007-06-01 [PMID: 17503328]



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Products Related to NB100-96912

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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