

Product Datasheet

TIRAP Antibody NB300-990

Unit Size: 0.1 mg

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

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NB300-990

TIRAP Antibody

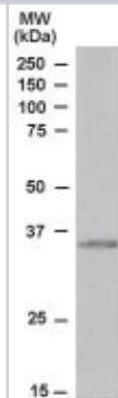
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	114609
Gene Symbol	TIRAP
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 30579042).
Specificity/Sensitivity	This protein is expected to recognise isoform b (NP_683708.1) only.
Immunogen	Peptide with sequence C-EGEGERDSATVSDL corresponding to C-Terminus according to NP_683708.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA, Proximity Ligation Assay
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Proximity Ligation Assay, Peptide ELISA Detection limit 1:128000
Application Notes	WB: Approx. 30 kDa band observed in human liver lysates (calculated MW of 25.3 kDa band according to NP_683708.1). Use in Proximity ligation assay reported in scientific literature (PMID: 30579042).

Images

Western Blot: TIRAP (TLR2 and TLR4) Antibody [NB300-990] - (1 ug/ml) staining of human liver lysate 35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

Smith P, Godde N, Rubio S et al. Modification of primary amines to higher order amines reduces in vivo hematological and immunotoxicity of cationic nanocarriers through TLR4 and complement pathways *Biomaterials* 2019-10-05 [PMID: 31585233]

Blanchard EL, Loomis KH, Bhosle SM et al. Proximity ligation assays for in situ detection of innate immune activation: focus on in vitro transcribed mRNA. *Mol Ther Nucleic Acids*. [PMID: 30579042] (PLA, Mouse)

Smith P, Godde N, Rubio S et al. Modification of primary amines to higher order amines reduces in vivo hematological and immunotoxicity of cationic nanocarriers through TLR4 and complement pathways *bioRxiv* (Mouse)

Andreakos E, Sacre SM, Smith C et al. Distinct pathways of LPS-induced NF-kappa B activation and cytokine production in human myeloid and nonmyeloid cells defined by selective utilization of MyD88 and Mal/TIRAP. *Blood* 2004-03-15 [PMID: 14630816]





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Products Related to NB300-990

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
NBP2-47605PEP	TIRAP Recombinant Protein Antigen

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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