

Product Datasheet

IL-17/IL-17A Antibody - Azide and BSA Free NBP1-42772

Unit Size: 0.1 mg

Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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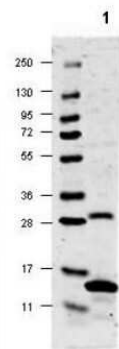
NBP1-42772

IL-17/IL-17A Antibody - Azide and BSA Free

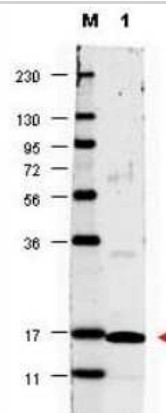
Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Rabbit
Gene ID	3605
Gene Symbol	IL17A
Species	Human, Mouse, Rat
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 26356122).
Specificity/Sensitivity	In ELISA and other immunoreactive assays, this antibody will recognize both native and recombinant rat IL17-A in cell supernatants and certain body fluids. A control of similarly diluted normal rabbit IgG is recommended.
Immunogen	This purified IL-17/IL-17A Antibody was prepared from whole rabbit serum produced by repeated immunizations with full length recombinant rat IL-17/IL-17A protein. (Uniprot: Q61453)
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:1000, ELISA 1:1000-1:5000
Application Notes	This purified antibody has been tested for use in western blotting. Reactivity is also expected in ELISA, neutralizations, radioimmunoassay and immunohistochemistry. The endotoxin content is estimated to be <10 pg/ul by the LAL method. The recombinant immunogen is a non-glycosylated homodimer joined by disulfide bonds having a molecular mass of 30.0 kDa. By western blot from a reducing gel expect a band approximately 15.0 kDa in size corresponding to rat IL17-A protein in the appropriate cell lysate or extract. Specific conditions for reactivity should be optimized by the end user.

Images

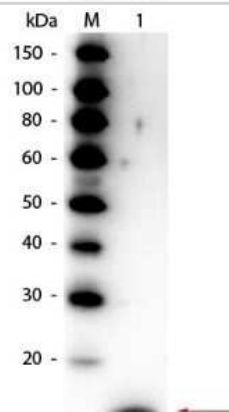
Western Blot: IL-17/IL-17A Antibody [NBP1-42772] - Analysis of rat recombinant IL-17A protein (lane 1). Approximately 2 ug of recombinant protein was loaded onto the gel. Primary antibody was used at a 1:1,000 dilution. The membrane was washed and reacted with a 1:20,000 dilution of DyLight 649 conjugated Gt-a-Rabbit IgG.



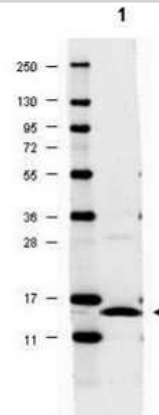
Western Blot: IL-17/IL-17A Antibody [NBP1-42772] - Analysis using the Biotin conjugate of NBP1-42772. Detection of a band ~17 kDa in size corresponding to recombinant human IL17-A (lane 1). Molecular weight markers are also shown (M). After transfer, the membrane was blocked overnight with 3% BSA in TBS followed by reaction with primary antibody at a 1:1,000 dilution.



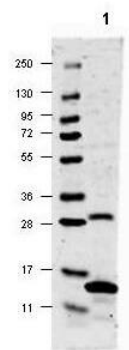
Western Blot: IL-17/IL-17A Antibody [NBP1-42772] - Analysis using the HRP conjugate of NBP1-42772. Detection of Lane 1: Recombinant Rat IL-17A. Load: 50 ng per lane. Used at a dilution of 1:1,000 o/n at 4C.



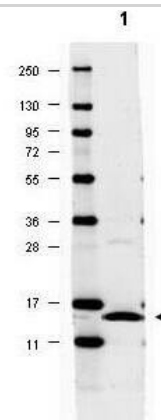
Western Blot: IL-17/IL-17A Antibody [NBP1-42772] - Analysis of mouse recombinant IL-17A protein (arrowhead, lane 1). Approximately 2 ug of recombinant protein was loaded onto the gel. Primary antibody was used at a 1:1,000 dilution. The membrane was washed and reacted with a 1:20,000 dilution of DyLight 649 conjugated Gt-a-Rabbit IgG.



Western blot using anti-IL-17A antibody shows detection of rat recombinant IL-17A protein (lane 1). Approximately 2 ug of recombinant protein was loaded onto the gel. Primary antibody was used at a 1:1,000 dilution. The membrane was washed and reacted with a 1:20,000 dilution of DyLight(TM) 649 conjugated Gt-a-Rabbit IgG



Western blot using anti-IL-17A antibody shows detection of rat recombinant IL-17A protein (arrowhead, lane 1). Approximately 2 ug of recombinant protein was loaded onto the gel. Primary antibody was used at a 1:1,000 dilution. The membrane was washed and reacted with a 1:20,000 dilution of DyLight(TM) 649 conjugated Gt-a-Rabbit IgG



Publications

Iqbal H, Kim GL, Kim JH et al. Pep27 Mutant Immunization Inhibits Caspase-14 Expression to Alleviate Inflammatory Bowel Disease via Treg Upregulation Microorganisms 2022-09-19 [PMID: 36144473]

Guo J, Peng L, Zeng J et al. Paeoniflorin suppresses allergic and inflammatory responses by promoting autophagy in rats with urticaria Exp Ther Med 2021-04-22 [PMID: 33884028] (IF/IHC, Rat)

Details:

Citation using the Biotin format of this antibody.

Liu Y, Sun X, Zhao X et al. Expression and location of IL-17A, E, F and their receptors in colorectal adenocarcinoma: Comparison with benign intestinal disease Pathol Res Pract 2018-04-19 [PMID: 29548809] (Human)

Details:

Citation using the Biotin form of this antibody.

Liu Y, Zhao X, Sun X et al. Expression of IL-17A, E, and F and their receptors in human prostatic cancer: Comparison with benign prostatic hyperplasia. Prostate. 2015-12-01 [PMID: 26356122] (Human)

Details:

This citation used the Biotin version of this antibody.



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Products Related to NBP1-42772

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-35040-5ug	Recombinant Human IL-17/IL-17A Protein

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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