

Datasheet for ABIN1043841

anti-Interleukin 17a antibody (HRP)[Go to Product page](#)**1** Image**1** Publication

Overview

Quantity:	100 µg
Target:	Interleukin 17a (IL17A)
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Interleukin 17a antibody is conjugated to HRP
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	IL-17A Antibody Peroxidase Conjugated
Immunogen:	Immunogen: This purified antibody was prepared from whole rabbit serum produced by repeated immunizations with full length recombinant rat IL17-A protein. Immunogen Type: Recombinant Protein
Isotype:	IgG
Cross-Reactivity (Details):	In ELISA and other immunoreactive assays, this antibody will recognize both native and recombinant rat IL17-A in cell supernatants and certain body fluids.
Characteristics:	Synonyms: rabbit anti-IL-17A Peroxidase Conjugated Antibody, rabbit anti-Interleukin-17A Peroxidase Conjugated Antibody, Interleukin17, IL-17, Cytotoxic T-lymphocyte-associated antigen 8 and CTLA-8
Purification:	This purified antibody has been heated to 56°C for 30 minutes.

Target Details

Target:	Interleukin 17a (IL17A)
Alternative Name:	Il17a (IL17A Products)
Background:	<p>Background: Rat IL17-A (also known as Interleukin-17, Cytotoxic T-lymphocyte-associated antigen 8 and CTLA-8) is a proinflammatory cytokine member of a six-species family of proteins (IL-17A-17F). Rat IL-17A protein is a homodimer consisting of two 134 amino acids peptides. IL-17A is secreted mainly by activated CD4+ and CD8+ T lymphocytes and acts through its receptor, IL-17R, to induce the expression of many mediators of inflammation, most strikingly, those that are involved in the proliferation, maturation and chemotaxis of neutrophils. Elevated levels of IL-17A have been associated with several conditions, including rheumatoid arthritis, airway inflammation, allograft rejection, inflammatory bowel disease, psoriasis, cancer and multiple sclerosis. There is 58 % identity between the amino acid sequence of human and rat IL-17A.</p>
Gene ID:	301289
UniProt:	Q61453

Application Details

Application Notes:	<p>Immunohistochemistry Dilution: 1:500-1:2,500</p> <p>Application Note: This purified antibody has been tested for use in western blotting and suitable in ELISA. By western blot a band approximately 30.0 kDa in size corresponding to rat IL17-A protein is expected in the appropriate cell lysate or extract. Specific conditions for reactivity should be optimized by the end user.</p> <p>Western Blot Dilution: 1:1,000-1:5,000</p> <p>ELISA Dilution: 1:10,000 - 1:50,000</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 100 µL</p> <p>Reconstitution Buffer: Restore with deionized water (or equivalent)</p>
Buffer:	<p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free</p> <p>Preservative: 0.01 % (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!</p>

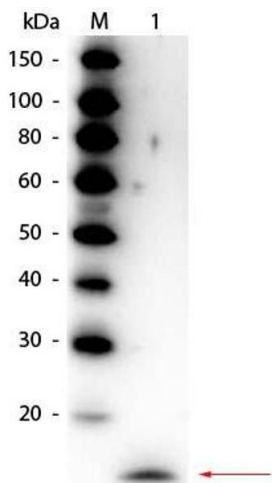
Handling

Preservative:	Gentamicin sulfate
Precaution of Use:	This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C 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 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	12 months

Publications

Product cited in:	Rouvier, Luciani, Mattéi, Denizot, Golstein: "CTLA-8, cloned from an activated T cell, bearing AU-rich messenger RNA instability sequences, and homologous to a herpesvirus saimiri gene." in: Journal of immunology (Baltimore, Md. : 1950) , Vol. 150, Issue 12, pp. 5445-56, (1993) (PubMed).
-------------------	---

Images



Western Blotting

Image 1. Western Blot of Rabbit anti-Rat IL-17A Antibody Peroxidase Conjugated. Lane 1: Recombinant Rat IL-17A. Load: 50 ng per lane. Primary antibody: Rabbit anti-Rat IL-17A Antibody Peroxidase Conjugated at 1:1,000 o/n at 4°C. Secondary antibody: none. Block: ABIN925618 for 30 minutes at RT. Predicted/Observed size: 17 kDa, 17 kDa for Rat IL-17A.