

Datasheet for ABIN2775323  
**anti-EBI3 antibody (Middle Region)**



[Go to Product page](#)

2 Images

## Overview

Quantity:	100 µL
Target:	EBI3 (IL-27b)
Binding Specificity:	Middle Region
Reactivity:	Human, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EBI3 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human EBI3
Sequence:	TAVHPWGSSS SFVPFITEHI IKPDPPEGVR LSPLAERQLQ VQWEPPGSWP
Predicted Reactivity:	Dog: 91%, Guinea Pig: 93%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against EBI3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	EBI3 (IL-27b)
Alternative Name:	EBI3 ( <a href="#">IL-27b Products</a> )

## Target Details

Target Type:	Viral Protein
Background:	<p>This gene was identified by its induced expression in B lymphocytes in response Epstein-Barr virus infection. It encodes a secreted glycoprotein belonging to the hematopoietin receptor family, and heterodimerizes with a 28 kDa protein to form interleukin 27 (IL-27). IL-27 regulates T cell and inflammatory responses, in part by activating the Jak/STAT pathway of CD4+ T cells.</p> <p>Alias Symbols: IL27B, IL-27B</p> <p>Protein Interaction Partner: SMAD3, IL27RA, MDFI, GOSR1, IL12A, CANX,</p> <p>Protein Size: 229</p>
Molecular Weight:	23 kDa
Gene ID:	10148
NCBI Accession:	<a href="#">NM_005755</a> , <a href="#">NP_005746</a>
UniProt:	<a href="#">Q14213</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 229 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

**Image 1.** Host: Rabbit Target Name: EBI3 Sample Tissue: Human U937 Whole Cell Antibody Dilution: 1ug/ml

Western Blotting

**Image 2.** WB Suggested Anti-EBI3  
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::12500  
Positive Control: U937 cell lysate