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Datasheet for ABIN6990653  
**anti-IL32 antibody (AA 50-100)**

### Overview

Quantity:	0.1 mg
Target:	IL32
Binding Specificity:	AA 50-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL32 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	Anti-IL-32 antibody was raised against a peptide corresponding to 16 amino acids near the center of human IL-32. The immunogen is located within amino acids 50 - 100 of IL-32.
Isotype:	IgG
Specificity:	This antibody detects the largest isoform of IL-32.
Purification:	IL-32 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	IL32
Alternative Name:	IL-32 ( <a href="#">IL32 Products</a> )
Background:	IL-32 Antibody: Interleukin-32 (IL-32) was initially identified as a transcript (NK4) that is

## Target Details

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selectively expressed in lymphocytes and NK cells and whose expression is increased following activation by IL-2. It was later re-isolated from an IL-18-treated lung carcinoma cell line and re-named IL-32. IL-32 is unusual in that it does not share sequence homology with known cytokine families and is highly expressed in immune tissues, existing in at least four differentially spliced isoforms. Because treatment of human monocytic and mouse macrophage cells with IL-32 induces several proinflammatory cytokines such as TNF- $\alpha$ , IL-8 and MIP-2, and because it is also induced in human peripheral lymphocyte cells after mitogen stimulation and in epithelial cells by IFN $\gamma$ , it has been suggested that IL-32 may play a role in autoimmune and inflammatory diseases such as rheumatoid arthritis.

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Molecular Weight:	Predicted: 26kD
	Observed: 26 kD kDa

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Gene ID:	9235
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UniProt:	<a href="#">P24001</a>
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## Application Details

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Application Notes:	WB: 0.5-5 $\mu$ g/mL.
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Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
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Concentration:	1 mg/mL
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Buffer:	IL-32 Antibody is supplied in PBS containing 0.02 % sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C, 4 °C
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Storage Comment:	IL-32 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As
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## Handling

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with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.