

Rabbit anti-Human, Mouse IL-32 Polyclonal Antibody | anti-IL32 antibody

IL-32 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39548	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

IL-32; Polyclonal Antibody; IL-32 Antibody; NK4; TAIF; TAIFa; TAIFb; TAIFc; TAIFd; IL-32beta; IL-32alpha; IL-32delta; IL-32gamma; Interleukin-32; Natural killer cells protein 4; interleukin 32; anti-IL32 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody detects all isoforms of IL-32.
Purity/Purification	IL-32 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	234
Applicable Applications for anti-IL32 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	IL-32 antibody was raised against a 15 amino acid synthetic peptide from near the carboxy terminus of human IL-32.
Buffer	IL-32 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	IL-32 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of IL-32 in mouse spleen tissue with IL 32 antibody at 2 &#956;g/mL.


IF (Immunofluorescence)

Immunofluorescence of IL-32 in Human Spleen cells with IL-32 antibody at 20 &#956;g/mL.

**IHC (Immunohistochemistry)**

Immunohistochemistry of IL-32 in human spleen tissue with IL-32 antibody at 10 μg/mL.

**WB (Western Blot)**

Western blot analysis of IL-32 in human spleen lysate with IL-32 antibody at (A) 5 and (B) 10 μg/mL shows two isoforms of IL-32.

ADDITIONAL INFORMATION**Related Product Information for anti-IL32 antibody**

IL-32 Antibody: Interleukin-32 (IL-32) was initially identified as a transcript (NK4) that is 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-?, 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?, it has been suggested that IL-32 may play a role in autoimmune and inflammatory diseases such as rheumatoid arthritis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14424787
NCBI GeneID	9235
UniProt Accession #	P24001; Q5VFH7; Q5VFH8; Q8WV38; Q96GK9; A6NNM0; A8MPX0; B4DJM1; B8Q191; D3DUB0; D3DUB2
Molecular Weight	17,003 Da
NCBI Official Full Name	IL32 protein
NCBI Official Synonym Full Names	interleukin 32
NCBI Official Symbol	IL32
NCBI Official Synonym Symbols	NK4; TAIF; TAIFa; TAIFb; TAIFc; TAIFd; IL-32beta; IL-32alpha; IL-32delta; IL-32gamma
NCBI Protein Information	interleukin-32; interleukin-32 eta; interleukin-32 small; interleukin-32 theta; natural killer cells protein 4; natural killer cell transcript 4; tumor necrosis factor alpha-inducing factor
UniProt Protein Name	Interleukin-32
UniProt Gene Name	IL32
UniProt Synonym Gene Names	NK4; TAIF; IL-32
UniProt Entry Name	IL32_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/il-32-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39548>