10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-IL-32 Antibody

Rabbit polyclonal antibody to IL-32
Catalog # AP59774

Product Information

Application	WB, IHC
Primary Accession	P24001
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26676

Additional Information

Gene ID	9235
Other Names	NK4; TAIF; Interleukin-32; IL-32; Natural killer cells protein 4; Tumor necrosis factor alpha-inducing factor
Target/Specificity	Recognizes endogenous levels of IL-32 protein.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

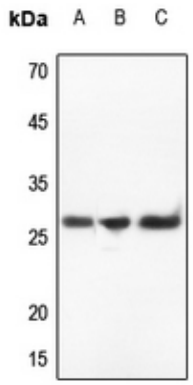
Protein Information

Name	IL32
Synonyms	NK4, TAIF
Function	Cytokine that may play a role in innate and adaptive immune responses. It induces various cytokines such as TNFA/TNF-alpha and IL8. It activates typical cytokine signal pathways of NF-kappa-B and p38 MAPK.
Cellular Location	Secreted.
Tissue Location	Selectively expressed in lymphocytes. Expression is more prominent in immune cells than in non-immune cells

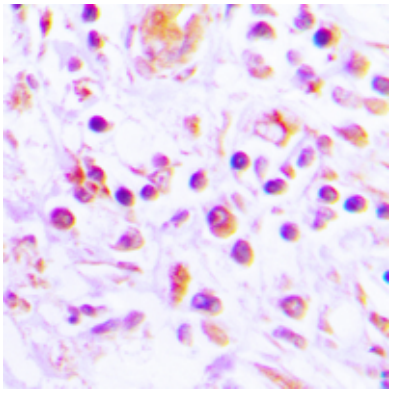
Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human IL-32. The exact sequence is proprietary.

Images



Western blot analysis of IL-32 expression in mouse liver (A), rat liver (B), rat kidney (C) whole cell lysates.



Immunohistochemical analysis of IL-32 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.