For Research Use Only

IL-32 Polyclonal antibody

Catalog Number:11079-1-AP Featured Product 10 Publications

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Basic Information

Catalog Number:
11079-1-AP

Size:
150ul , Concentration: 450 ug/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG1484

GenBank Accession Number:
BC009401

GeneID (NCBI):
9235

UNIPROT ID:
P24001

Full Name:
interleukin 32

Calculated MW:
27 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
IHC 1:200-1:800

Applications

Tested Applications:
IHC, ELISA

Cited Applications:
WB, IHC, IF, ELISA

Species Specificity:
human

Cited Species:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human lung cancer tissue, human colon cancer tissue

Background Information

Interleukin 32 (IL32) is a member of the cytokine family. IL32 contains a tyrosine sulfation site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attachment sequence. IL32 is a predominantly intracellular proinflammatory cytokine produced by epithelial cells, monocytes, T-lymphocytes and natural killer cells, and is involved in inflammation and cancer development. IL32 is able to induce the release a variety of pro-inflammatory cytokines such as IL8, tumor necrosis factor-α (TNFα) and IL6. Expression of this protein is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2.

Notable Publications

Author	Pubmed ID	Journal	Application
Qing-Hua Liu	36187404	World J Gastrointest Oncol	IHC,ELISA
Kohji Takagi	34820013	Oncol Lett	WB,IHC
Jianya He	31680452	J Cell Mol Med	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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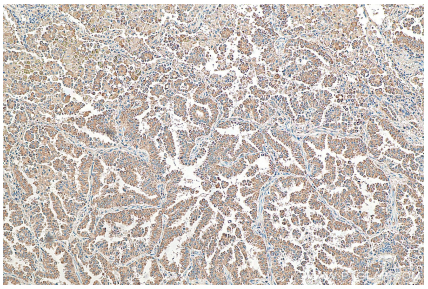
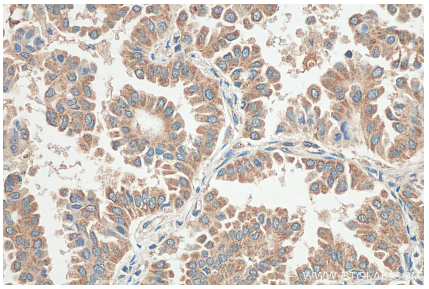
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11079-1-AP (IL-32 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11079-1-AP (IL-32 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).