

For Research Use Only

IL-24 Polyclonal antibody

Catalog Number: 26772-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

26772-1-AP

Size:

150ul, Concentration: 380 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25071

GenBank Accession Number:

BC009681

GeneID (NCBI):

11009

UNIPROT ID:

Q13007

Full Name:

interleukin 24

Calculated MW:

207 aa, 24 kDa

Observed MW:

24 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:800-1:3200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse

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:

WB : mouse spleen tissue,

IHC : human colon tissue, human malignant melanoma tissue

Background Information

IL24, also named as MDA-7, MDA7 or ST16, belongs to the IL-10 family. It has antiproliferative properties on melanoma cells and may contribute to terminal cell differentiation. The induction of IL24 by oncogenes may support tumor growth at the early stages of cancer. The observed molecular weight of IL24 is reported between 25 and 35 kDa, a value higher than the deduced molecular weight of 23 kDa. This difference is likely due to post-translational modifications, such as glycosylation of the endogenously produced molecule.

Notable Publications

Author	Pubmed ID	Journal	Application
Lu Zhang	28942243	Neoplasia	WB
Jia Li	34114949	Elife	IHC,IF
Kai Zhang	38751041	Cell Biol Int	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

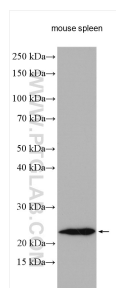
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

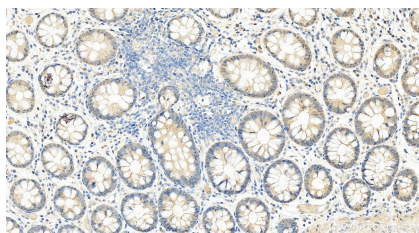
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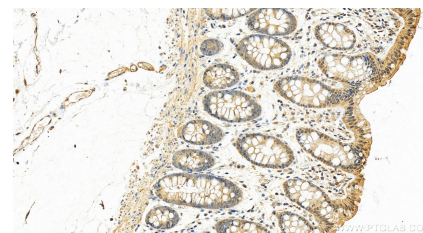
Selected Validation Data



Mouse spleen tissues were subjected to SDS PAGE followed by western blot with 26772-1-AP (IL-24 antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 26772-1-AP (IL-24 antibody) at dilution of 1:1600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 26772-1-AP (IL-24 antibody) at dilution of 1:1600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).