

For Research Use Only

# IL-24 Polyclonal antibody

Catalog Number: 26772-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 26772-1-AP	<b>GenBank Accession Number:</b> BC009681	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 380 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11009	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> interleukin 24	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 207 aa, 24 kDa	
<b>Immunogen Catalog Number:</b> AG25071		

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> IF, IHC, WB	<b>WB:</b> mouse spleen tissue, Mouse spleen tissues
<b>Species Specificity:</b> human, mouse	<b>IHC:</b> human colon tissue, human malignant melanoma tissue
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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
Ji-Xian Xiong	37814123	Acta Pharmacol Sin	WB

## Storage

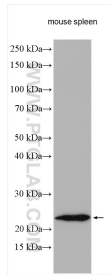
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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  
W: ptglab.com

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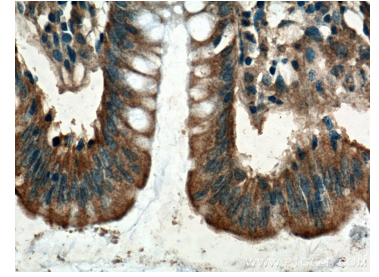
## Selected Validation Data



Mouse spleen tissues were subjected to SDS PAGE followed by western blot with 26772-1-AP (IL-24 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 26772-1-AP (IL24 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 26772-1-AP (IL24 Antibody) at dilution of 1:200 (under 40x lens).