

For Research Use Only

IL-24 Polyclonal antibody

Catalog Number: 12064-1-AP **3 Publications**



Basic Information

Catalog Number: 12064-1-AP	GenBank Accession Number: BC009681	Purification Method: Antigen affinity purification
Size: 240 µg/ml	GeneID (NCBI): 11009	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q13007	
Isotype: IgG	Full Name: interleukin 24	
Immunogen Catalog Number: AG2701	Calculated MW: 207 aa, 24 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : Recombinant protein,
Cited Applications: WB	IHC : human malignant melanoma tissue, human prostate cancer tissue, human colon cancer tissue, human lung cancer tissue
Species Specificity: human	
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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
Sumaira Z Hasnain	25362253	Nat Med	
Li-Jun Mao	32318337	Front Oncol	WB
Jichen Li	26361755	J Exp Clin Cancer Res	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

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

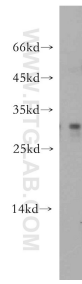
T: 4006900926

E: Proteintech-CN@ptglab.com

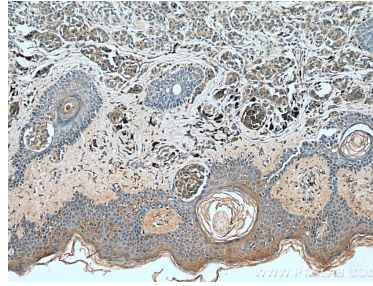
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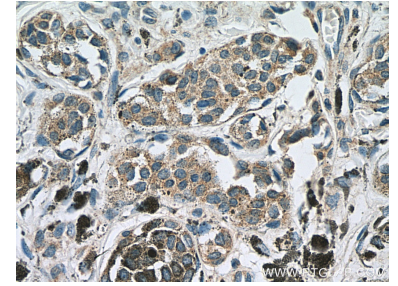
Selected Validation Data



Recombinant protein were subjected to SDS PAGE followed by western blot with 12064-1-AP (IL-24 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 12064-1-AP (IL-24 antibody) at dilution of 1:200 (under 10x lens)..



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 12064-1-AP (IL-24 antibody) at dilution of 1:200 (under 40x lens)..