

For Research Use Only

DPCR1 Polyclonal antibody

Catalog Number: 31420-1-AP



Basic Information

Catalog Number: 31420-1-AP	GenBank Accession Number: NM_080870	Purification Method: Antigen affinity Purification
Size: 500 µg/ml	GeneID (NCBI): 135656	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q3MIW9	
Isotype: IgG	Full Name: diffuse panbronchiolitis critical region 1	
Immunogen Catalog Number: AG33318	Calculated MW: 56 kDa	
	Observed MW: 56 kDa	

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

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 : BGC-823 cells, MKN-45 cells, SGC-7901 cells

IHC : human stomach cancer tissue, mouse stomach tissue

Background Information

Diffuse panbronchiolitis critical region 1 (DPCR1) is located in the major histocompatibility complex (MHC) class I. DPCR1 is downregulated in invasive pituitary adenoma compared with that in non-invasive tumors, but upregulated in the precursor of gastric carcinogenesis (PMID: 29242154).

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:

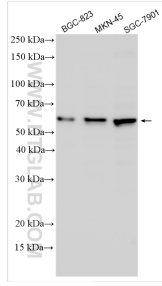
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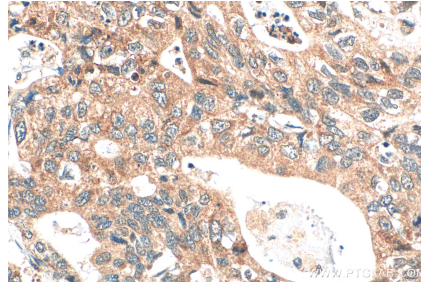
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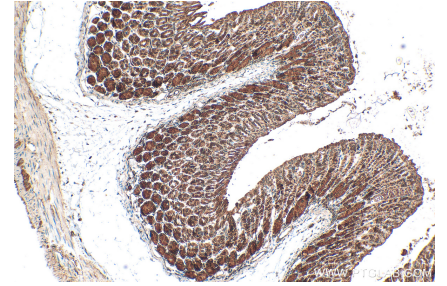
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31420-1-AP (DPCR1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 31420-1-AP (DPCR1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 31420-1-AP (DPCR1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).