

Periostin Polyclonal antibody

Catalog Number: 27794-1-AP

Basic Information

Catalog Number: 27794-1-AP	GenBank Accession Number: BC106710	Purification Method: Antigen affinity purification
Size: 200 µg/ml	GeneID (NCBI): 10631	Recommended Dilutions: IHC 1:300-1:1200
Source: Rabbit	UNIPROT ID: Q15063	
Isotype: IgG	Full Name: periostin, osteoblast specific factor	
Immunogen Catalog Number: AG27145		

Applications

Tested Applications:
IHC, ELISA

Species Specificity:
Human

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 colon tissue, human colon cancer tissue, human breast cancer tissue, human liver cancer tissue, human lung cancer tissue

Background Information

Periostin (POSTN, PN), originally named as osteoblast-specific factor 2 (OSF-2), is a 90-kDa secreted protein which is now classified as a matricellular protein. It is present in a wide variety of normal adult tissues and fetal tissues, and has a role in bone, tooth and heart development and function. Studies show that periostin is overexpressed in a broad range of human cancer types, including lung, ovary, breast and colon cancers. Recent evidence reveals that periostin is expressed by fibroblasts in the normal tissue and in the stroma of the primary tumour, and it is required to allow cancer stem cell maintenance.

Storage

Storage:

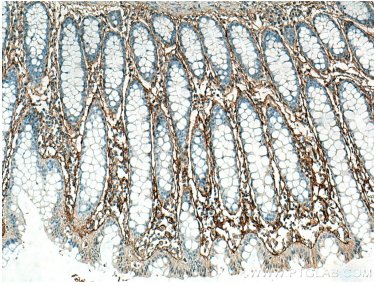
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

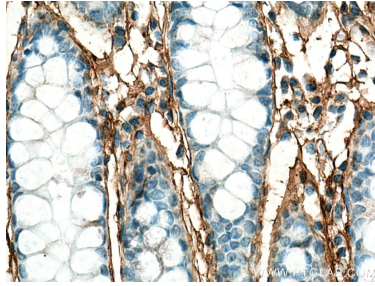
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 27794-1-AP (Periostin antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 27794-1-AP (Periostin antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).