

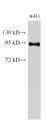
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POSTN Polyclonal Antibody

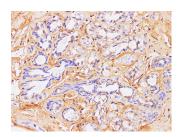
E-AB-40279 Reactivity Catalog No. Η Storage Store at -20°C. Avoid freeze / thaw cycles. Rabbit Host **Applications** WB,IHC **Isotype IgG**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western Blot analysis of A431 cells using POSTN Polyclonal Antibody at dilution of 1:500



Immunohistochemistry of paraffinembedded Human breast cancer using POSTN Polyclonal Antibody at dilution of 1:100

Immunogen Information

Recombinant Human Periostin protein **Immunogen**

GeneID 10631 **Swissprot** Q15063

Synonyms Fasciclin-I like, OSF

2,OSF-2,OSF2,PN,POSTN,POSTN,RP11 412K4.1

Product Information

Calculated MW 93,90,87,84,80 kDa

Observed MW 93 kDa

Buffer PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.

Purify Antigen Affinity Purification Dilution WB 1:500-1:1000 IHC 1:100-1:200

Background

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,includidng 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.