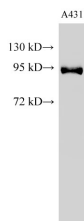


POSTN Polyclonal Antibody

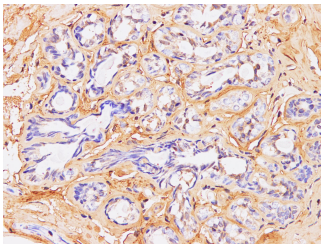
Catalog No.	E-AB-40279	Reactivity	H
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC	Isotype	IgG

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 paraffin-embedded Human breast cancer using POSTN Polyclonal Antibody at dilution of 1:100

Immunogen Information

Immunogen	Recombinant Human Periostin protein
GeneID	10631
Swissprot	Q15063
Synonyms	Fascin-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,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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.