

Product datasheet for **AP53392PU-N**

Periostin (POSTN) (C-term) Rabbit Polyclonal Antibody

Product data:

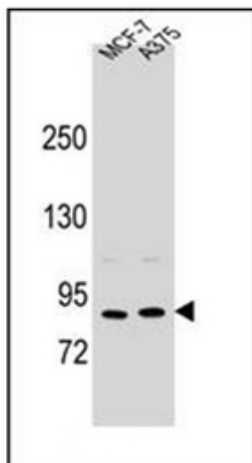
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Western Blot: ~ 1/1000. Immunofluorescence: 1/10-1/50. Flow Cytometry: 1/25. Immunohistochemistry on Paraffin Sections: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 687-716 amino acids from the C-terminal region of human Periostin.
Specificity:	This antibody recognizes Human Periostin (C-term). Cellular Location: Golgi apparatus Tissue Location: Widely expressed with highest levels in aorta, stomach, lower gastrointestinal tract, placenta, uterus, thyroid tissue and breast. Up-regulated in epithelial ovarian tumors; not expressed in normal ovaries. Also highly expressed at the tumor periphery of lung carcinoma tissue but not within the tumor. Overexpressed in breast cancers.
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A chromatography, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



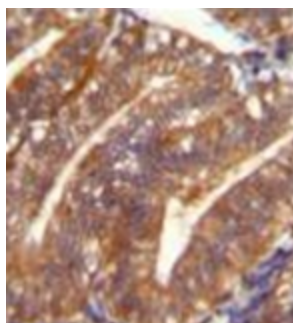
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Gene Name:	periostin
Database Link:	Entrez Gene 10631 Human Q15063
Background:	POSTN binds to heparin. It induces cell attachment and spreading and plays a role in cell adhesion and may play a role in extracellular matrix mineralization.
Synonyms:	POSTN, OSF2, OSF-2, PN
Protein Families:	Druggable Genome, Secreted Protein

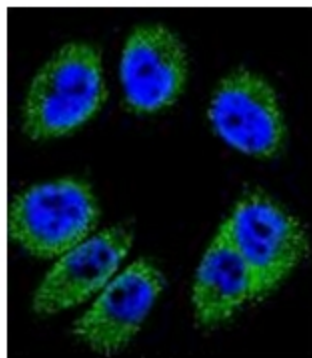
Product images:



Western blot analysis of Periostin Antibody (C-term) in MCF-7, A375 cell line lysates (35ug/lane). This demonstrates the POSTN antibody detected the POSTN protein (arrow).



Formalin fixed and paraffin embedded human uterus tissue reacted with Periostin Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.



Confocal immunofluorescent analysis of Periostin Antibody (C-term) with A375 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).