

Product datasheet for **AP11938PU-N**

BMP11 (GDF11) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	West blotting: 1/1000. Immunohistochemistry on Paraffin sections: 1/10 - 1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 32-61 amino acids selected from the N-terminal region of human GDF11.
Specificity:	This antibody reacts to BMP11 (GDF11).
Formulation:	PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody 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.
Gene Name:	growth differentiation factor 11
Database Link:	Entrez Gene 10220 Human O95390



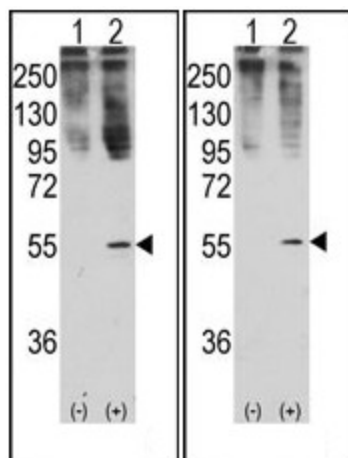
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Background:

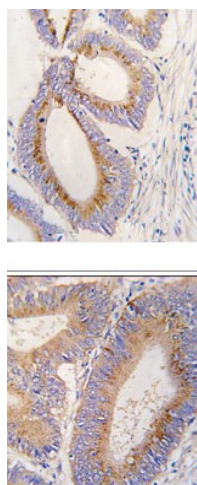
GDF11 is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in mice and *Xenopus* suggest that this protein is involved in mesodermal formation and neurogenesis during embryonic development.

Synonyms:

BMP-11, GDF-11, Bone morphogenetic protein 11

Product images:


Western blot analysis of GDF11 (arrow) using rabbit polyclonal GDF11 Antibody (R47).293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the GDF11 gene (Lane 2)



Formalin-fixed and paraffin-embedded human colon carcinoma tissue reacted with GDF11 antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.