BOSTER BIOLOGICAL TECHNOLOGY
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Anti-GDF11 Antibody (N-term)

Catalog Number: A02355

About GDF11

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.

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Overview

Product Name	Anti-GDF11 Antibody (N-term)
Reactive Species	Human, Mouse
Description	Boster Bio Anti-GDF11 Antibody (N-term) (Catalog # A02355). Tested in IHC-P, WB application(s). This antibody reacts with Human, Mouse.
Application	IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O95390

Technical Details

Immunogen	This GDF11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 32-61 amino acids from the N-terminal region of human GDF11.
Predicted Reactive Species	Pig
Isotype	Rabbit IgG

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Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:2000 IHC-P: 1:10-1:50

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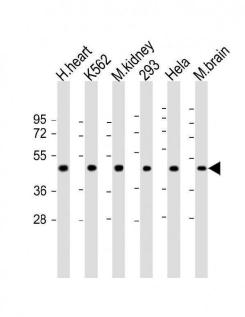
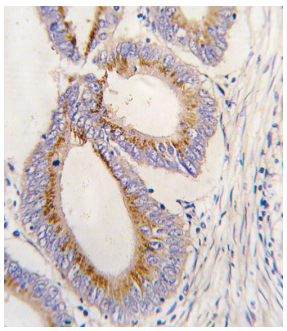
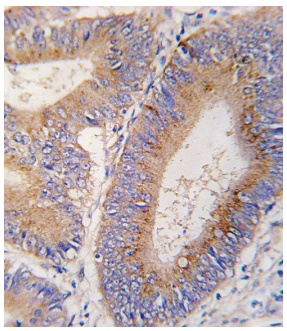
Anti-GDF11 Antibody (N-term) (A02355) Images



All lanes : Anti-hGDF11-R47 at 1:2000 dilutionLane 1: human heart lysateLane 2: K562 whole cell lysateLane 3: mouse kidney lysateLane 4: 293 whole cell lysateLane 5: Hela whole cell lysateLane 5: mouse brain lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 45 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



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. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



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