BOSTER BIOLOGICAL TECHNOLOGY
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Anti-WNT16 Antibody (C-term)

Catalog Number: A03606-1

About WNT16

The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It contains two transcript variants diverging at the 5' termini. These two variants are proposed to be the products of separate promoters and not to be splice variants from a single promoter. They are differentially expressed in normal tissues, one of which (variant 2) is expressed at significant levels only in the pancreas, whereas another one (variant 1) is expressed more ubiquitously with highest levels in adult kidney, placenta, brain, heart, and spleen.

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Overview

Product Name	Anti-WNT16 Antibody (C-term)
Reactive Species	Human
Description	Boster Bio Anti-WNT16 Antibody (C-term) (Catalog # A03606-1). Tested in WB, IHC-P application(s). This antibody reacts with Human.
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	Q9UBV4

Technical Details

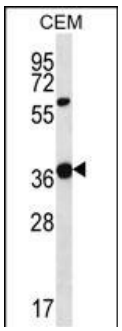
Immunogen	This WNT16 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 236-265 amino acids from the C-terminal region of human WNT16.
Predicted Reactive Species	Mouse

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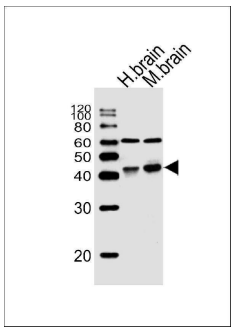
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000 IHC-P: 1:10-1:50

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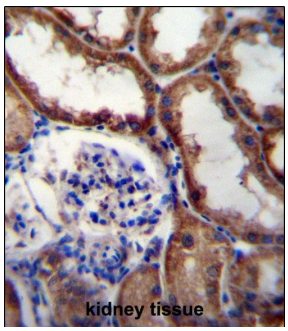
Anti-WNT16 Antibody (C-term) (A03606-1) Images



WNT16 Antibody (C-term) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the WNT16 antibody detected the WNT16 protein (arrow).



Western blot analysis of lysates from human brain, mouse brain tissue (from left to right), using WNT16 Antibody (C-term) (Cat. #A03606-1). A03606-1 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.



WNT16 Antibody (C-term) (Cat. #A03606-1)immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of WNT16 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

For Research Use Only. Not for use in diagnostic procedures.