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Anti-Wnt2b Antibody Picoband®

Catalog Number: A04879-1

About WNT2B

WNT2B (Wingless-Type MMTV Integration Site Family Member 2B), is a protein that in humans is encoded by the WNT2B gene. This gene encodes a member of the wingless-type MMTV integration site (WNT) family of highly conserved, secreted signaling factors. Katoh et al. (1996) used fluorescence in situ hybridization to map the WNT13 gene to chromosome 1p13. WNT family members function in a variety of developmental processes including regulation of cell growth and differentiation and are characterized by a WNT-core domain. This gene may play a role in human development as well as human carcinogenesis.

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Overview

Product Name	Anti-Wnt2b Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Wnt2b Antibody Picoband® catalog # A04879-1. Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.01mg NaN3.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q93097

Technical Details

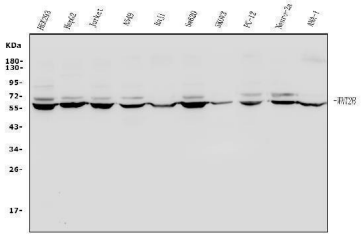
Immunogen	E.coli-derived human Wnt2b recombinant protein (Position: A7-T391).
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western

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	blot.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5ug/ml, Human, Mouse, Rat ELISA, 0.1-0.5ug/ml, -

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Anti-Wnt2b Antibody Picoband® (A04879-1) Images



Western blot analysis of Wnt2b using anti-Wnt2b antibody (A04879-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions. Lane 1: human HEK293 whole cell lysates, Lane 2: human HEPG2 whole cell lysates, Lane 3: human Jurkat whole cell lysates, Lane 4: human A549 whole cell lysates, Lane 5: human Raji whole cell lysates, Lane 6: human SW620 whole cell lysates, Lane 7: human SKOV3 whole cell lysates, Lane 8: rat PC-12 whole cell lysates, Lane 9: mouse Neuro-2a whole cell lysates, Lane 10: mouse ANA-1 whole cell lysates. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Wnt2b antigen affinity purified polyclonal antibody (Catalog # A04879-1) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for Wnt2b at approximately 60KD. The expected band size for Wnt2b is at 60KD.

1 Publications Citing This Product

1. PubMed ID: 32463570, Xu T,Pan L,Li L,Hu S,Zhou H,Yang C,Yang J,Li H,Liu Y,Meng X,Li J.MicroRNA-708 modulates Hepatic Stellate Cells activation and enhances extracellular matrix accumulation via direct targeting TMEM88. J Cell Mol Med. 2020 Jul;24(13):7127-7140.doi: 10.1111/jc

Visit bosterbio.com/anti-wnt2b-picoband-trade-antibody-a04879-1-boster.html to see all 1 publications.

Anti-Wnt2b Antibody

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