

## Anti-Protein Wnt-3a Wnt3a Antibody Picoband®

Catalog Number: PA2120

### About WNT3A

Wingless-type MMIV integration site family, member 3A is a protein that in humans is encoded by the WNT3A gene. This gene is a member of the WNT gene family. The gene was assigned to human chromosome 1q42.13. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. It encodes a protein showing 96% amino acid identity to mouse Wnt3A protein, and 84% to human WNT3 protein, another WNT gene product.

### Overview

Product Name	Anti-Protein Wnt-3a Wnt3a Antibody Picoband®
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Protein Wnt-3a Wnt3a Antibody catalog # PA2120. Tested in WB applications. This antibody reacts with Human, Mouse. 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	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub> . *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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	P56704

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Wnt3a, identical to the related mouse sequence.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western 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, 0.1-0.5ug/ml, Human, Mouse

## Anti-Protein Wnt-3a Wnt3a Antibody Picoband® (PA2120) Images



Anti-WNT3A antibody, PA2120, Western blotting  
All lanes:  
Anti WNT3A (PA2120) at 0.5ug/ml  
WB: SMMC Whole Cell  
Lysate at 40ug  
Predicted bind size: 39KD  
Observed bind size: 39KD

## 3 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
2. PubMed ID: 26215800, Adipose-Derived Mesenchymal Stem Cells Transplantation Alleviates Renal Injury in Streptozotocin-Induced Diabetic Nephropathy
3. PubMed ID: 25657680, Liu B, Deng C, Zhang Y, Zhang J. Neural Regen Res. 2012 Jul 5;7(19):1463-8. Doi: 10.3969/J.Issn.1673-5374.2012.19.003. Wnt3A Expression During The Differentiation Of Adipose-Derived Stem Cells Into Cholinergic Neurons.

Visit [bosterbio.com/anti-wnt3a-antibody-pa2120-boster.html](http://bosterbio.com/anti-wnt3a-antibody-pa2120-boster.html) to see all 3 publications.

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