

Anti-WNT2B Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Chicken,Dog,Pig,Horse,Rabbit)
Molecular Weight:	Theoretical: 44 kDa. Actual: 47 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Protein: lung (mouse) lysates at 30 µg; liver (mouse) lysates at 30 µg; Primary: Anti-WNT2b (TMAB-14190) at 1: 200; Secondary: HRP conjugated Goat Anti-Rabbit IgG at 1: 3000; ECL excited the fluorescence; Predicted band size: 44 kD Observed band size: 48 kD</p> <p>2. Paraformaldehyde-fixed, paraffin embedded (rat heart tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (WNT2B) Polyclonal Antibody, Unconjugated (TMAB-14190) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.</p> <p>3. Sample: Lane 1: Mouse Cerebrum tissue lysates Lane 2: Mouse Heart tissue lysates Lane 3: Rat Cerebrum tissue lysates Lane 4: Rat Heart tissue lysates Primary: Anti-WNT2B (TMAB-14190) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 44 kDa Observed band size: 47 kDa</p>
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human WNT2B
Antigen Species: Human
Gene ID: 7482
Uniprot ID: Q93097

Research Background

WNT2B is a member of the wntless-type MMTV integration site (WNT) family of highly conserved, secreted signaling factors. 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. This gene produces two alternative transcript variants. This gene encodes a member of the wntless-type MMTV integration site (WNT) family of highly conserved, secreted signaling factors. 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. This gene produces two alternative transcript variants.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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