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Datasheet for ABIN7145708
anti-BMPR1B antibody (AA 14-126)

4 Images

Overview

Quantity:	100 µg
Target:	BMPR1B
Binding Specificity:	AA 14-126
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BMPR1B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Bone morphogenetic protein receptor type-1B protein (14-126AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	BMPR1B
Alternative Name:	BMPR1B (BMPR1B Products)
Background:	Background: On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I

Target Details

receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Receptor for BMP7/OP-1 and GDF5. Positively regulates chondrocyte differentiation through GDF5 interaction.

Aliases: Activin receptor like kinase 6 antibody, Acvrlk6 antibody, ALK 6 antibody, ALK6 antibody, alk6tr antibody, BMP type-1B receptor antibody, BMPRI antibody, BMPRI-1B antibody, Bmpr1b antibody, BMPRI antibody, BMR1B_HUMAN antibody, Bone morphogenetic protein receptor type 1B antibody, Bone morphogenetic protein receptor type IB antibody, Bone morphogenetic protein receptor type-1B antibody, BR 1b antibody, BR1b antibody, CDw 293 antibody, CDw293 antibody, CDw293 antigen antibody, CFK 43a antibody, CFK43a antibody, Serine/threonine receptor kinase antibody, zALK 6 antibody, zALK6 antibody

UniProt: [O00238](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

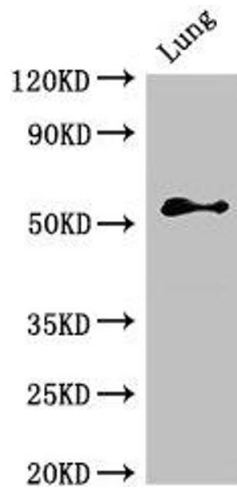
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

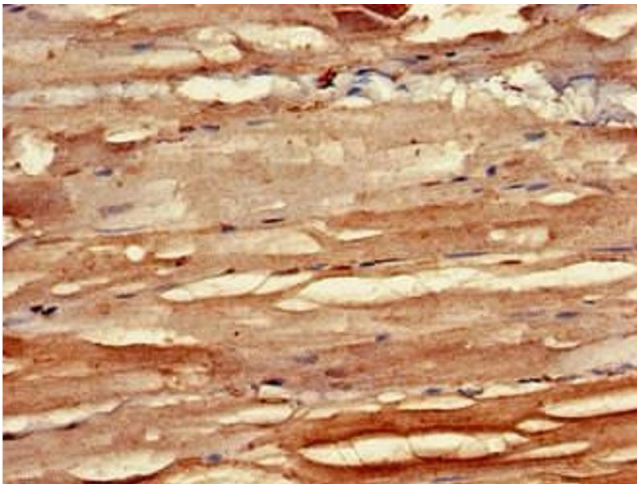
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



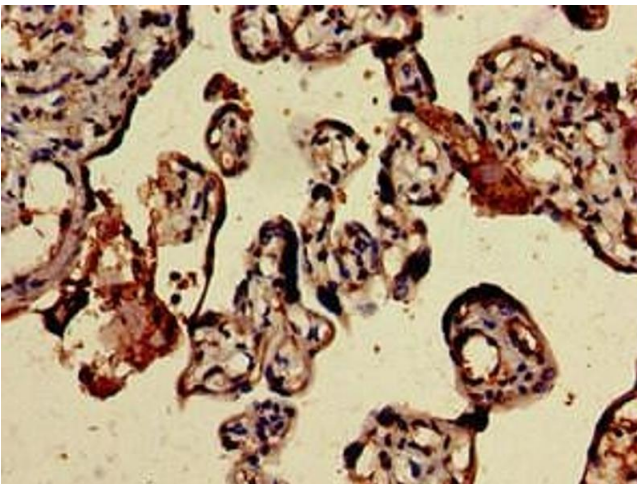
Western Blotting

Image 1. Western Blot Positive WB detected in: Rat lung tissue All lanes: BMPR1B antibody at 2.4 $\mu\text{g}/\text{mL}$ Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 57, 61 kDa Observed band size: 57 kDa



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using ABIN7145708 at dilution of 1:100



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7145708 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7145708.