

Datasheet for ABIN702295
anti-WNT10B antibody (AA 201-300)[2 Images](#)[2 Publications](#)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	WNT10B
Binding Specificity:	AA 201-300
Reactivity:	Human, Mouse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT10B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human WNT10b
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Pig
Predicted Reactivity:	Rat,Dog,Cow,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	WNT10B
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Target Details

Alternative Name:	WNT10B (WNT10B Products)
Background:	Synonyms: SHFM6, WNT-12, Protein Wnt-10b, Protein Wnt-12, WNT10B, WNT12 Background: Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. May be a signaling molecule which affects the development of discrete regions of tissues. Is likely to signal over only few cell diameters (By similarity).
Gene ID:	7480
UniProt:	O00744
Pathways:	WNT Signaling , Skeletal Muscle Fiber Development

Application Details

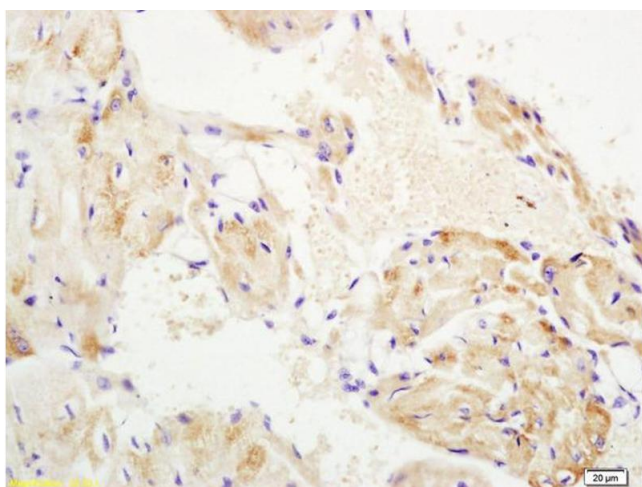
Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

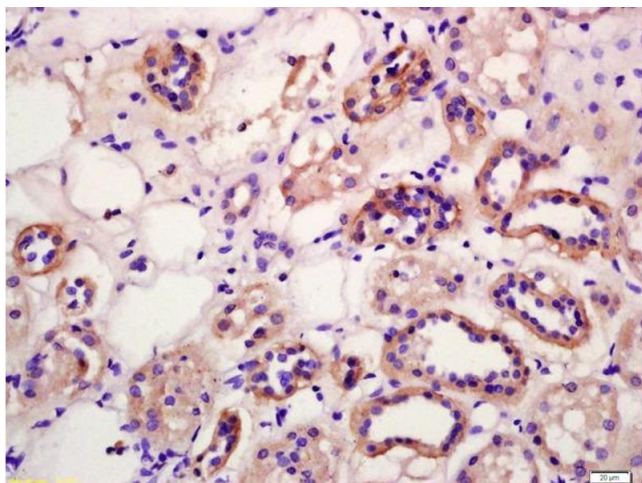
- Product cited in: Ke, Guan, Li, Xu, Zhang, Yan: "Erbium: YAG laser (2,940 nm) treatment stimulates hair growth through upregulating Wnt 10b and β -catenin expression in C57BL/6 mice." in: **International journal of clinical and experimental medicine**, Vol. 8, Issue 11, pp. 20883-9, (2016) ([PubMed](#)).
- Lu, Duan, Zhang, Wu, Wang: "Expression of Wnt3a, Wnt10b, β -catenin and DKK1 in periodontium during orthodontic tooth movement in rats." in: **Acta odontologica Scandinavica**, pp. 1-7, (2015) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded mouse heart labeled with Anti-WNT10B Polyclonal Antibody, Unconjugated (ABIN702295) at 1:200 followed by conjugation to the secondary antibody



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human kidney labeled with Anti-WNT12/WNT10B Polyclonal Antibody, Unconjugated (ABIN702295) at 1:200 followed by conjugation to the secondary antibody and DAB staining