

Datasheet for ABIN5651131
anti-WNT5A antibody (AA 200-300) (PerCP)



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2 Images

Overview

Quantity:	100 µg
Target:	WNT5A
Binding Specificity:	AA 200-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT5A antibody is conjugated to PerCP
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of Human Wnt5a (200-300 aa), conjugated to Keyhole Limpet Haemocyanin (KLH).
Specificity:	Detects 42.3 kDa, 35 kDa. 35 kDa band is another isoform.
Purification:	Peptide Affinity Purified

Target Details

Target:	WNT5A
Alternative Name:	Wnt5a (WNT5A Products)
Gene ID:	7474
NCBI Accession:	NP_001243034

Target Details

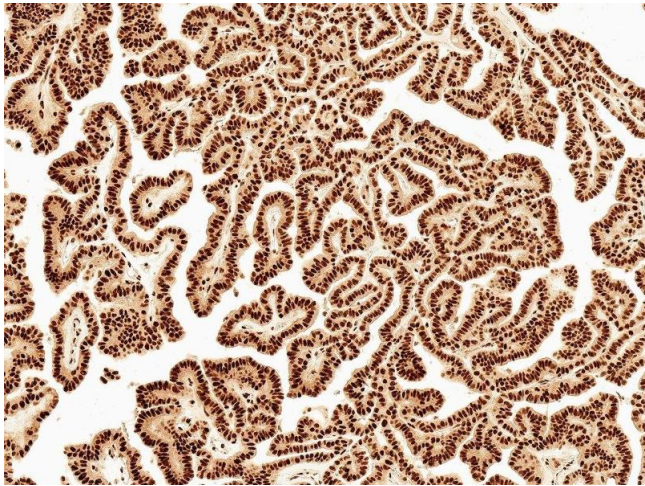
UniProt:	P41221
Pathways:	WNT Signaling, Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, Regulation of Cell Size, Tube Formation

Application Details

Application Notes:	• WB (1:1000) • IHC (1:50) • optimal dilutions for assays should be determined by the user.
Comment:	A 1:1000 dilution of ABIN5651131 was sufficient for detection of Wnt5a in 10 µg of human HeLa cell lysates by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.
Restrictions:	For Research Use only

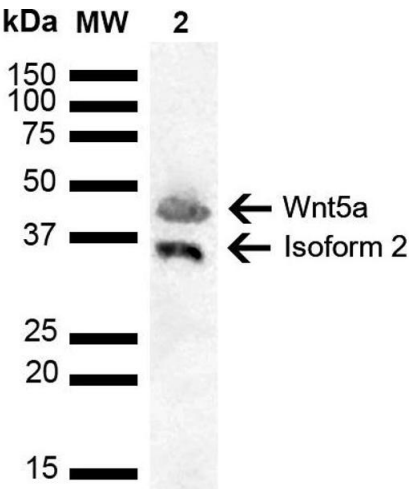
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS pH 7.4, 50 % glycerol, 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C



Immunohistochemistry

Image 1. Immunohistochemistry analysis using Rabbit Anti-Wnt5a Polyclonal Antibody (ABIN5651131). Tissue: Thyroid Carcinoma. Species: Human. Fixation: Formalin Fixed Paraffin-Embedded. Primary Antibody: Rabbit Anti-Wnt5a Polyclonal Antibody (ABIN5651131) at 1:50 for 30 min at RT. Counterstain: Hematoxylin. Magnification: 10X. HRP-DAB Detection.



Western Blotting

Image 2. Western blot analysis of Human Cervical cancer cell line (HeLa) lysate showing detection of ~42.3 kDa Wnt5a protein using Rabbit Anti-Wnt5a Polyclonal Antibody (ABIN5651131). Lane 1: Molecular Weight Ladder (MW). Lane 2: Cervical Cancer cell line (HeLa) lysate. Load: 10 µg. Block: 5 % Skim Milk in 1X TBST. Primary Antibody: Rabbit Anti-Wnt5a Polyclonal Antibody (ABIN5651131) at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Rabbit HRP:IgG at 1:4000 for 1 hour at RT. Color Development: ECL solution for 5 min at RT. Predicted/Observed Size: ~42.3 kDa. Other Band(s): ~35 kDa isoform 2.