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Datasheet for ABIN6990921

anti-WNT10A antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	WNT10A
Binding Specificity:	AA 300-350, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT10A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Wnt10a antibody was raised against a 14 amino acid synthetic peptide from near the carboxy terminus of human Wnt10a. The immunogen is located within amino acids 300 - 350 of Wnt10a.
Isotype:	IgG
Specificity:	This Wnt10a antibody is predicted to not cross-react with Wnt10b.
Purification:	Wnt10a Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	WNT10A
Alternative Name:	Wnt10a (WNT10A Products)

Target Details

Background:	Wnt10a Antibody: Wnt10a is a member of the Wnt family, a gene family that encodes secreted signaling proteins that play crucial roles in normal development such as regulation of cell fate and patterning during embryogenesis as well as neoplastic transformation. Elevated levels of Wnt10a have been detected in several human tumors and cancer cell lines including colorectal cancer and chronic lymphocytic leukemia and it has been suggested that uncontrolled Wnt signaling may contribute to the defect in apoptosis that characterizes these malignancies. Recently, a mutation in Wnt10a was found to be associated with odonto-oncho-dermal dysplasia, an autosomal recessive ectodermal dysplasia.
Molecular Weight:	Predicted: 46 kDa Observed: 46 kDa
Gene ID:	80326
UniProt:	Q9GZT5
Pathways:	WNT Signaling

Application Details

Application Notes:	Wnt10a antibody can be used for detection of Wnt10a by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in mouse samples, Immunohistochemistry in human and mouse samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Wnt10a Antibody is supplied in PBS containing 0.02 % 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.

Handling

Storage:	-20 °C, 4 °C
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Storage Comment:	Wnt10a antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
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