

Datasheet for ABIN501122
anti-WNT10A antibody (C-Term)

2 Images

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Overview

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

Product Details

Immunogen:	Wnt10a antibody was raised against a 14 amino acid peptide from near the carboxy terminus of human Wnt10a.
Isotype:	IgG
Specificity:	This antibody detects WNT10A. Despite the high homology of Wnt10a to Wnt10b, this Wnt10a antibody will not cross-react with Wnt10b.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Affinity chromatography

Target Details

Target:	WNT10A
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Target Details

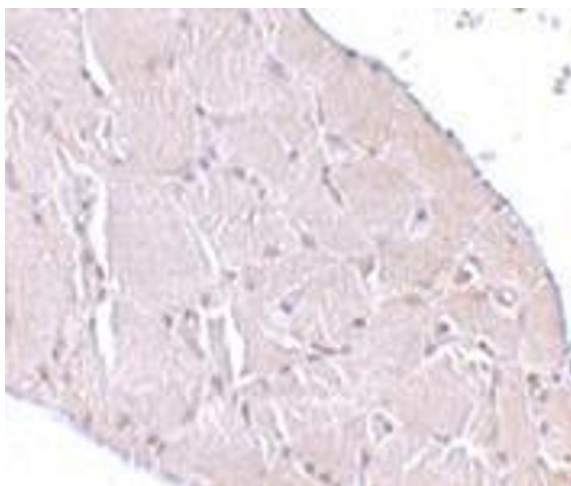
Alternative Name:	WNT10A (WNT10A Products)
Background:	Wnt10a is a member of the Wnt family, a gene family that encodes secreted signaling proteins that play crucial roles in normal development such as regulation of cell fate and patterning during embryogenesis as well as neoplastic transformation. Elevated 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.Synonyms: Protein Wnt-10a
Gene ID:	80326
UniProt:	Q9GZT5
Pathways:	WNT Signaling

Application Details

Application Notes:	ELISA. Western blot: 1 - 2 µg/mL. Immunohistochemistry on paraffin sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

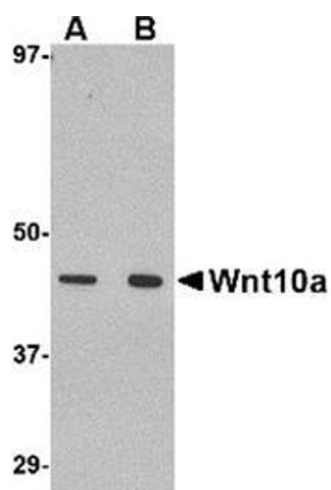
Handling

Buffer:	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 Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of Wnt10a in human skeletal muscle tissue cells with this product at 10 µg/ml.



Western Blotting

Image 2. Western blot analysis of Wnt10a in RAW264.7 cell lysate with this product at (A) 1 and (B) 2 µg/ml.