Product Datasheet

Wnt10a Antibody

Catalog No: #24699

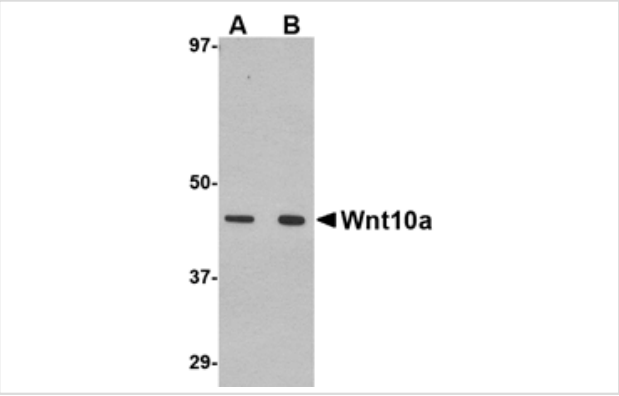
Package Size: #24699 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

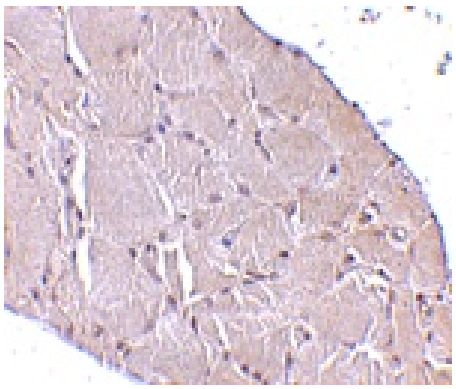
Description

Product Name	Wnt10a Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Human;Mouse;Rat
Specificity	Despite the high homology of Wnt10a to Wnt10b, this Wnt10a antibody will not cross-react with Wnt10b.
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide from near the carboxy terminus of human Wnt10a.
Conjugates	Unconjugated
Target Name	Wnt10a
Other Names	Wnt10a, Wingless-type MMTV integration site family 10a
Accession No.	Q9GZT5
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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.

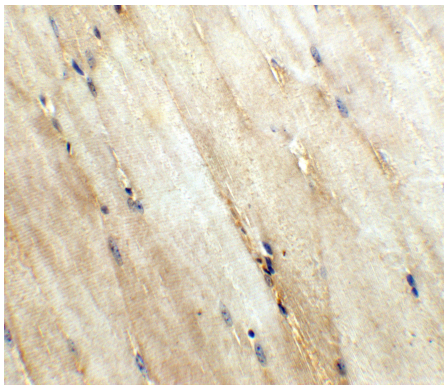
Images



Western blot analysis of Wnt10a in RAW264.7 cell lysate with Wnt10a antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of Wnt10a in human skeletal muscle tissue cells with Wnt10a antibody at 10 ug/mL.



Immunohistochemistry of Wnt10a in mouse skeletal muscle tissue with Wnt10a antibody at 5 µg/ml.

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-onycho-dermal dysplasia, an autosomal recessive ectodermal dysplasia.

Published Papers

el at., Reforming the Chimeric Antigen Receptor by Peptide Towards Optimized CAR T Cells With Enhanced Anti-Cancer Potency and Safety.In Front Bioeng Biotechnol. 2022 Jun 17 by Cuijuan Liu , Lin Li , Fan Gao,,et al.PMID: 35782491, , (2022)

PMID:35782491

Note: This product is for in vitro research use only and is not intended for use in humans or animals.