Product Datasheet

WNT1 Polyclonal Antibody

Catalog No: #29218

Package Size: #29218-1 50ul #29218-2 100ul

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

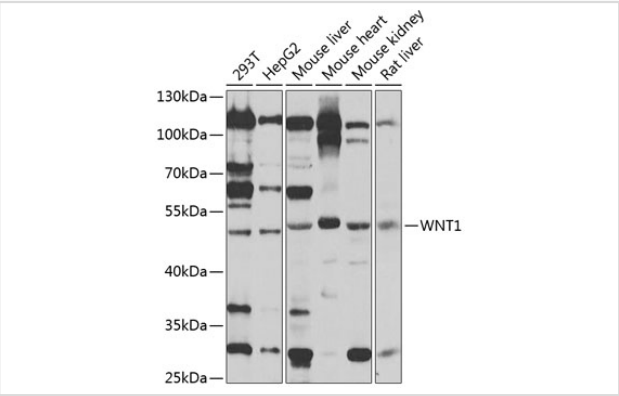
Description

Product Name	WNT1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human WNT1 (NP_005421.1).
Target Name	WNT1
Other Names	WNT1;BMND16;INT1;OI15
Accession No.	Uniprot:P04628GeneID:7471
Calculated MW	40kDa
SDS-PAGE MW	49kDa
Concentration	1mg/mL
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

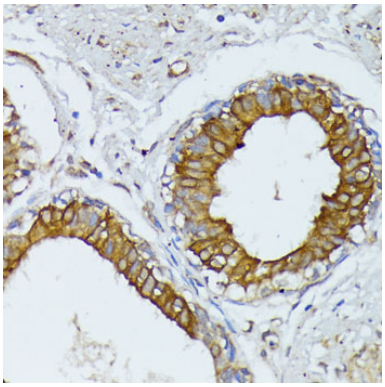
Application Details

WB□1:1000 - 1:4000IHC□1:50 - 1:200IF□1:50 - 1:200

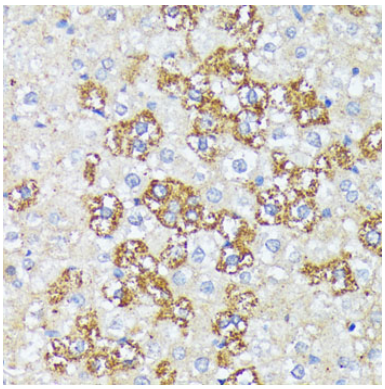
Images



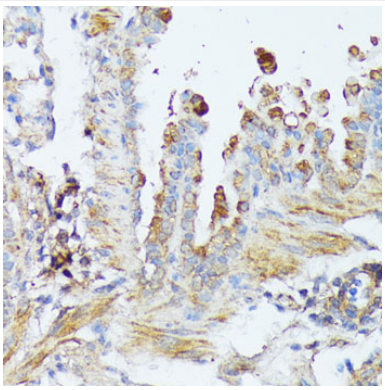
Western blot analysis of extracts of various cell lines, using WNT1 antibody.



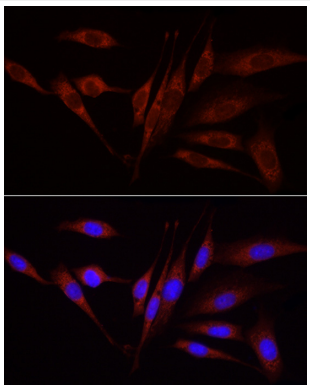
Immunohistochemistry of paraffin-embedded human mammary cancer using WNT1 antibody.



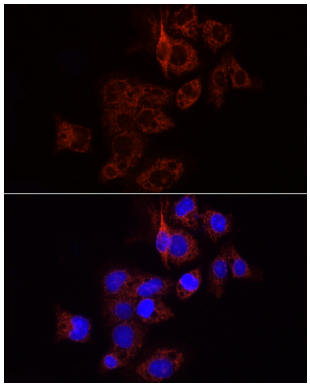
Immunohistochemistry of paraffin-embedded rat liver using WNT1 antibody.



Immunohistochemistry of paraffin-embedded mouse lung using WNT1 antibody.



Immunofluorescence analysis of NIH/3T3 cells using WNT1 antibody.



Immunofluorescence analysis of HepG2 cells using WNT1 antibody.

Background

The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It is very conserved in evolution, and the protein encoded by this gene is known to be 98% identical to the mouse Wnt1 protein at the amino acid level. The studies in mouse indicate that the Wnt1 protein functions in the induction of the mesencephalon and cerebellum. This gene was originally considered as a candidate gene for Joubert syndrome, an autosomal recessive disorder with cerebellar hypoplasia as a leading feature. However, further studies suggested that the gene mutations might not have a significant role in Joubert syndrome. This gene is clustered with another family member, WNT10B, in the chromosome 12q13 region.

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