Wnt1 Antibody

Catalog No: #35481

Package Size: #35481-1 50ul #35481-2 100ul

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

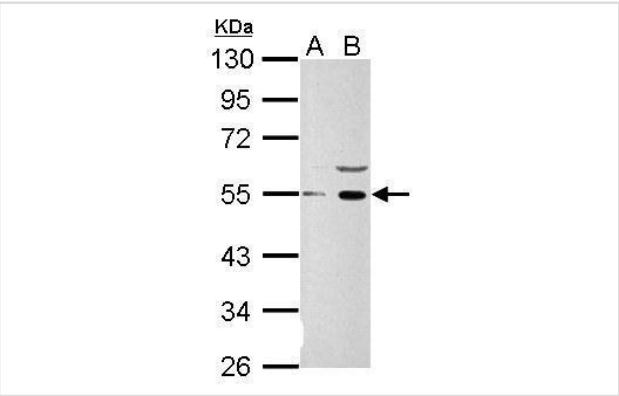
Description

Product Name	Wnt1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by antigen-affinity chromatography.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total Wnt1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fragment corresponding to a region within amino acids 1 and 234 of WNT1.
Target Name	Wnt1
Other Names	INT1 antibody; WNT1 antibody; proto-oncogene Wnt-1 antibody; wingless-type MMTV integration site family; member 1 (oncogene INT1) antibody; proto-oncogene Int-1 homolog antibody; wingless-type MMTV integration site family; member 1 antibody
Accession No.	Swiss-Prot#:P04628;NCBI Gene#:7471
SDS-PAGE MW	41kd
Concentration	1mg/ml
Formulation	Rabbit IgG in 1XPBS, 1%BSA, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:3000

Images



Wnt1 antibody detects Wnt1 protein by Western blot analysis.
A. 30 µg 293T whole cell lysate/extract
B. 30 µg whole cell lysate/extract of human WNT1-transfected 293T cells
10% SDS PAGE
#35481 diluted at 1:1000

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. [provided by RefSeq]

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