

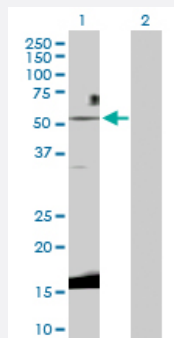
MaxPab®

WNT3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007473-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of WNT3 expression in transfected 293T cell line ([H00007473-T01](#)) by WNT3 MaxPab polyclonal antibody.

Lane 1: WNT3 transfected lysate(39.60 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human WNT3 protein.

Immunogen

WNT3 (NP_110380.1, 1 a.a. ~ 355 a.a) full-length human protein.

Sequence

MEPHLLGLLLGLLLGGTRVLAGYPIWWSLALGQQYTSLSQPLLCGSIPGLVPKQLRFCRNYEIMP
SVAEGVKLGIQECQHQRGRWNCTTIDDSLAIFGPVLDKATRESAFVHAIASAGVAFVTRSCA
EGTSTICGCDSHHKGPPEGWKWGGCSEDADFGVLVSREFADARENRPDARSAMNKHNEA
GRTILDHMHKCKCHGLSGSCEVKTCWWAQPFDRAIGDFLKDKYDSASEMVVEKHRESRGWV
ETLRAKYSFLFKPPTERDLVYYENSPNFCEPNPETGSFGTRDRTCNVTSHGIDGCDLLCCGRGHNT
RTEKRKEKCHCIFHWCCYVSCQECIRYDVHTCK

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (99); Rat (99)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — WNT3

Entrez GeneID [7473](#)

GeneBank Accession# [NM_030753](#)

Protein Accession# [NP_110380.1](#)

Gene Name WNT3

Gene Alias INT4, MGC131950, MGC138321, MGC138323

Gene Description wingless-type MMTV integration site family, member 3

Omim ID [165330 273395](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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 encodes a protein which shows 98% amino acid identity to mouse Wnt 3 protein, and 84% to human WNT3A protein, another WNT gene product. The mouse studies show the requirement of Wnt3 in primary axis formation in the mouse. Studies of the gene expression suggest that this gene may play a key role in some cases of human breast, rectal, lung, and gastric cancer through activation of the WNT-beta-catenin-TCF signaling pathway. This gene is clustered with WNT15, another family member, in the chromosome 17q21 region. [provided by RefSeq]

Other Designations WNT-3 proto-oncogene protein

Pathway

- [Basal cell carcinoma](#)
- [Hedgehog signaling pathway](#)
- [Melanogenesis](#)
- [Pathways in cancer](#)
- [Wnt signaling pathway](#)

Disease

- [Cerebral Hemorrhage](#)
- [Chronic Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Diseases](#)
- [Neurodegenerative Diseases](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Supranuclear Palsy](#)