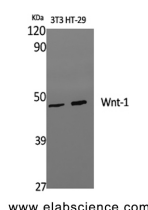


## WNT1 Polyclonal Antibody

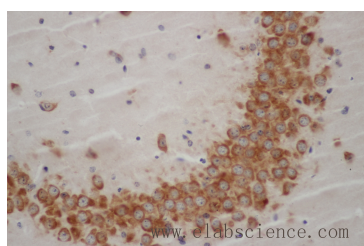
<b>Catalog No.</b>	E-AB-33231	<b>Reactivity</b>	H,M
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC-p,IF,ELISA	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Western Blot analysis of 3T3, HT-29 cells using WNT1 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Mouse brain using WNT1 Polyclonal Antibody at dilution of 1:50

### Immunogen Information

<b>Immunogen</b>	Synthesized peptide derived from the C-terminal region of human Wnt-1
<b>Swissprot</b>	P04628
<b>Synonyms</b>	WNT1,INT1,Proto-oncogene Wnt-1,Proto-oncogene Int-1 homolog

### Product Information

<b>Calculated MW</b>	41kDa
<b>Observed MW</b>	45kDa
<b>Buffer</b>	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000, IHC 1:100-1:300, IF 1:200-1:1000, ELISA 1:10000

### 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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.