

WNT1 RABBIT PAB**Cat.#:** N225100**Product Name:** Anti-Wnt1 Rabbit pAb**Synonyms:** WNT1; INT1; Proto-oncogene Wnt-1; Proto-oncogene Int-1 homolog**UNIPROT ID:** P04628

Background: WNT1: wingless-type MMTV integration site family, member 1. 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.

Immunogen: The antiserum was produced against synthesized peptide derived from human WNT1. AA range:301-350

Applications: WB,IHC-F,IHC-P,ICC/IF,ELISA

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 41 kDa; Observed MW: 45 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse

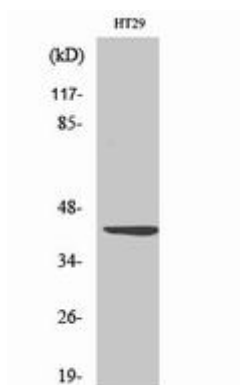
Conjugation: Unconjugated

Modification: Unmodified

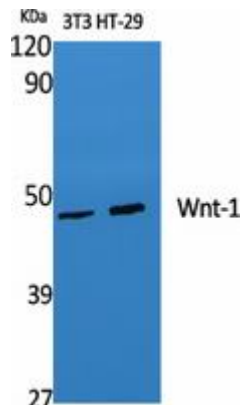
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Stem Cells

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Wnt1 in HT-29 lysates using Wnt1 antibody.



Western blot analysis of Wnt1 in various lysates using Wnt1 antibody.