

产品名称: Wnt1 Rabbit Polyclonal Antibody
产品货号: APRab00547



产品概述 (Summary)

产品名称 (Production Name)	Wnt1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	WNT1
别名 (Alternative Names)	WNT1; INT1; Proto-oncogene Wnt-1; Proto-oncogene Int-1 homolog
基因 ID (Gene ID)	7471
蛋白 ID (SwissProt ID)	P04628.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	Calculated MW: 41 kDa; Observed MW: 45 kDa

研究背景 (Background)

WNT1: wingless-type MMTV integration site family, member 1. The WNT gene family consists of structurally related genes

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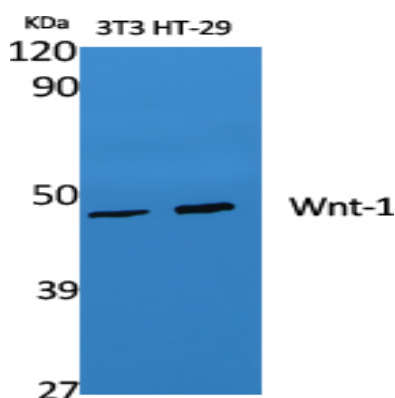


which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It is very conserved in evolution, and the protein 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.

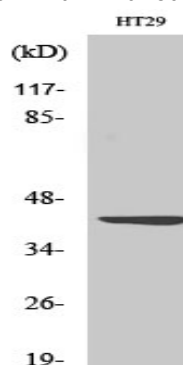
研究领域 (Research Area)

Stem Cells

图片 (Image Data)



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



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

注意事项 (Note)

For research use only .