

Anti-Wnt1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P011398

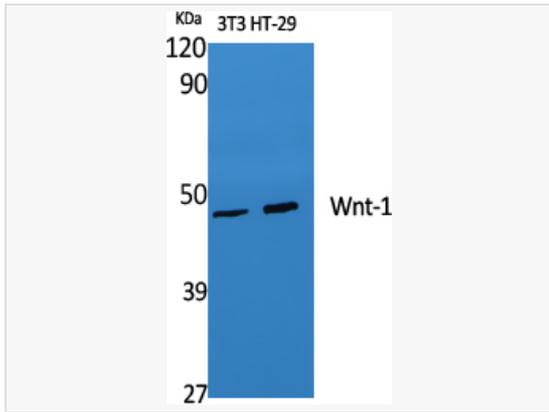
Product Information

Application	ELISA, WB, IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ICC/IF (Cell)
Reactivity	Human, Mouse
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	The antiserum was produced against synthesized peptide derived from human WNT1.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Wnt1 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

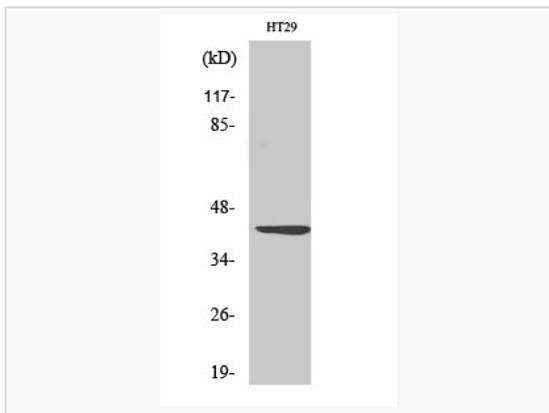
Protein Information

Synonyms	WNT1, INT1, Proto-oncogene Wnt-1, Proto-oncogene Int-1 homolog.
Calculated MW	Calculated MW: 41 kDa; Observed MW: 45 kDa
Uniprot ID	P04628
Gene ID	7471
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.

Validation Images



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



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