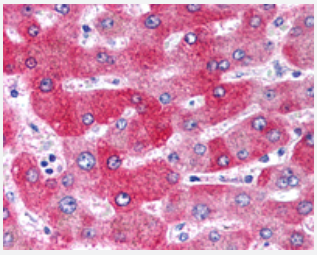
WNT1 polyclonal antibody

Catalog # PAB28372 Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human liver with WNT1 polyclonal antibody (Cat # PAB28372). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of WNT1.
Immunogen	A synthetic peptide corresponding to 16 amino acids at internal region of human WNT1.
Host	Rabbit
Reactivity	Bovine, Dog, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat, Bats
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5 ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — WNT1

Entrez GeneID	7471
Protein Accession#	P04628
Gene Name	WNT1
Gene Alias	INT1
Gene Description	wingless-type MMTV integration site family, member 1
Omim ID	164820
Gene Ontology	Hyperlink
Gene Summary	The WNT gene family consists of structurally related genes which encode secreted signaling prot eins. These proteins have been implicated in oncogenesis and in several developmental process es, 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 mous e indicate that the Wnt1 protein functions in the induction of the mesencephalon and cerebellum. T his gene was originally considered as a candidate gene for Joubert syndrome, an autosomal rece ssive disorder with cerebellar hypoplasia as a leading feature. However, further studies suggeste d that the gene mutations might not have a significant role in Joubert syndrome. This gene is clust ered with another family member, WNT10B, in the chromosome 12q13 region. [provided by RefS eq
Other Designations	Wingless-type MMTV integration site family, member 1 (oncogene INT1)

Pathway

- Basal cell carcinoma
- Hedgehog signaling pathway

- Melanogenesis
- Pathways in cancer
- Wnt signaling pathway

Disease

- Disease Progression
- Disease Susceptibility
- HIV Infections