

Datasheet for ABIN390755
anti-WNT1 antibody (C-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	WNT1
Binding Specificity:	AA 260-288, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This WNT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 260-288 amino acids from the C-terminal region of human WNT1.
Clone:	RB19186
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	WNT1
Alternative Name:	WNT1 (WNT1 Products)

Target Details

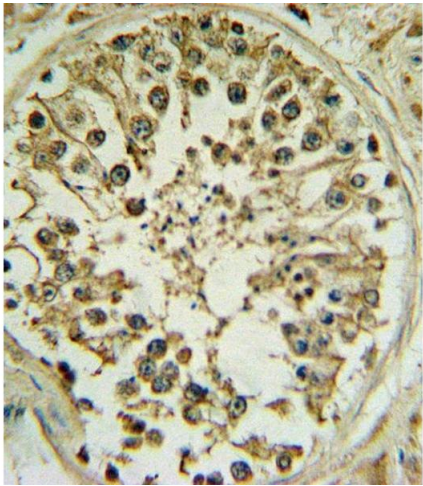
Background:	WNT1 is known to be 98 % identical to the mouse Wnt1 protein at the amino acid level. The studies in mouse indicate that the Wnt1 protein functions in the induction of the mesencephalon and cerebellum.
Molecular Weight:	40982
Gene ID:	7471
NCBI Accession:	NP_005421
UniProt:	P04628
Pathways:	WNT Signaling , Dopaminergic Neurogenesis

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

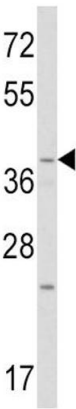
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



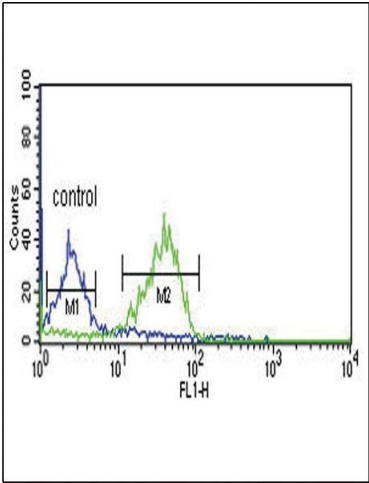
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. WNT1 Antibody (C-term) (ABIN390755 and ABIN2841013) IHC analysis in formalin fixed and paraffin embedded human testis followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the WNT1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of WNT1 Antibody (C-term) (ABIN390755 and ABIN2841013) in mouse heart tissue lysates (35 µg/lane). WNT1 (arrow) was detected using the purified Pab.



Flow Cytometry

Image 3. WNT1 Antibody (C-term) (ABIN390755 and ABIN2841013) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.