

Datasheet for ABIN6266035
anti-WNT1 antibody (C-Term)[Go to Product page](#)

4 Images

1 Publication

Overview

Quantity:	100 µL
Target:	WNT1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human Wnt1, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	Wnt1 Antibody detects endogenous levels of total Wnt1.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	WNT1
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Target Details

Alternative Name:	WNT1 (WNT1 Products)
Background:	<p>Description: Ligand for members of the frizzled family of seven transmembrane receptors (Probable). Acts in the canonical Wnt signaling pathway by promoting beta-catenin-dependent transcriptional activation (PubMed:23499309, PubMed:26902720, PubMed:28528193, PubMed:23656646). In some developmental processes, is also a ligand for the coreceptor RYK, thus triggering Wnt signaling (By similarity). Plays an essential role in the development of the embryonic brain and central nervous system (CNS) (By similarity). Has a role in osteoblast function, bone development and bone homeostasis (PubMed:23499309, PubMed:23656646).</p> <p>Gene: WNT1</p>
Molecular Weight:	41 kDa
Gene ID:	7471
UniProt:	P04628
Pathways:	WNT Signaling , Dopaminergic Neurogenesis

Application Details

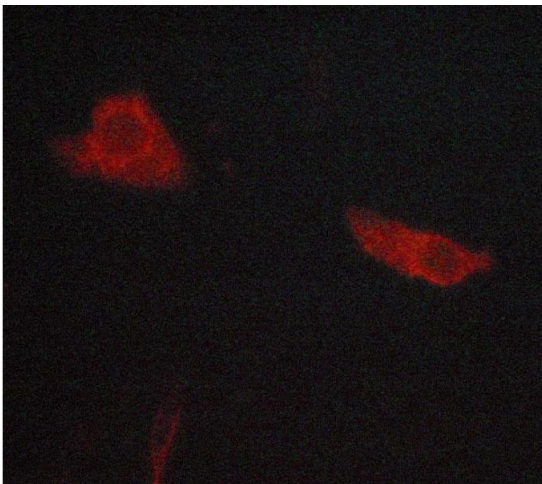
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

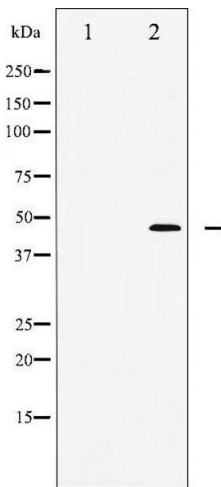
Product cited in: Tang, Peng, Huang, Xie, Chen, Shen, Gao, You, Xie, Chen: "Neoisoliquiritigenin Inhibits Tumor Progression by Targeting GRP78- β -catenin Signaling in Breast Cancer." in: **Current cancer drug targets**, Vol. 18, Issue 4, pp. 390-399, (2018) ([PubMed](#)).

Images



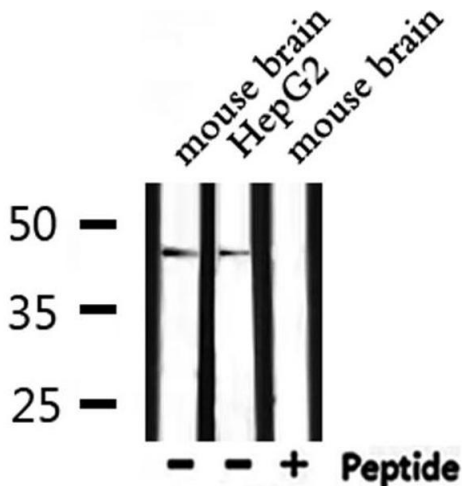
Immunofluorescence (fixed cells)

Image 1. ABIN6268862 staining lovo cells by ICC/IF. Cells were fixed with PFA and permeabilized in 0.1% saponin prior to blocking in 10% serum for 45 minutes at 37°C. The primary antibody was diluted 1/400 and incubated with the sample for 1 hour at 37°C. A Alexa Fluor® 594 conjugated goat polyclonal to rabbit IgG (H+L), diluted 1/600 was used as secondary antibody.



Western Blotting

Image 2. Western blot analysis of wnt1 expression in NIH3T3 cell lysate. The lane on the left is treated with the antigen-specific peptide.



Western Blotting

Image 3. Western blot analysis of extracts from mouse brain, HepG2, using wnt1 antibody.

Images

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6266035.