

Datasheet for ABIN185634

anti-WNT3 antibody (Internal Region)



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Overview

Quantity:	100 µg
Target:	WNT3
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This WNT3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	WNT3
Immunogen:	Peptide with sequence CGRGHNTRTEKRKEK, from the internal region of the protein sequence according to NP_110380.1.
Sequence:	CGRGHNTRTE KRKEK
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	WNT3
Alternative Name:	WNT3 (WNT3 Products)
Background:	WNT3 , wingless-type MMTV integration site family, member 3 , INT4, MGC131950, MGC138321, MGC138323 , WNT-3 proto-oncogene protein precursor
Gene ID:	7473, 22415, 24882
NCBI Accession:	NP_110380
Pathways:	WNT Signaling, Regulation of Cell Size

Application Details

Application Notes:	Western Blot: Approx 40 kDa band observed in lysates of cell line HEK293 (calculated MW of 39.6 kDa according to NP_110380.1). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in:	Fujimaki, Hidaka, Asashima, Takemasa, Kuwabara: "Wnt protein-mediated satellite cell conversion in adult and aged mice following voluntary wheel running." in: The Journal of
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biological chemistry, Vol. 289, Issue 11, pp. 7399-412, (2014) ([PubMed](#)).

Okamoto, Inoue, Iwamura, Terashima, Soya, Asashima, Kuwabara: "Reduction in paracrine Wnt3 factors during aging causes impaired adult neurogenesis." in: **FASEB journal : official publication of the Federation of American Societies for Experimental Biology**, Vol. 25, Issue 10, pp. 3570-82, (2011) ([PubMed](#)).

Images

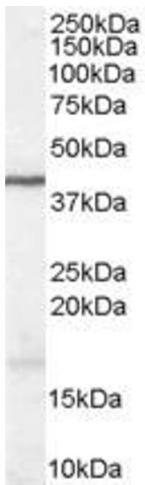
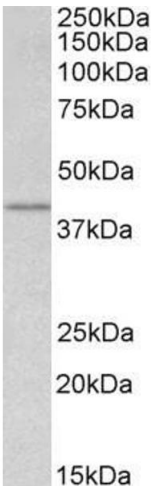


Image 1. ABIN185634 (1 ug/ml) staining of Human Brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 2. ABIN185634 (1µg/ml) staining of lysate of cell line HEK293 (35µg protein in RIPA buffer). Detected by chemiluminescence.

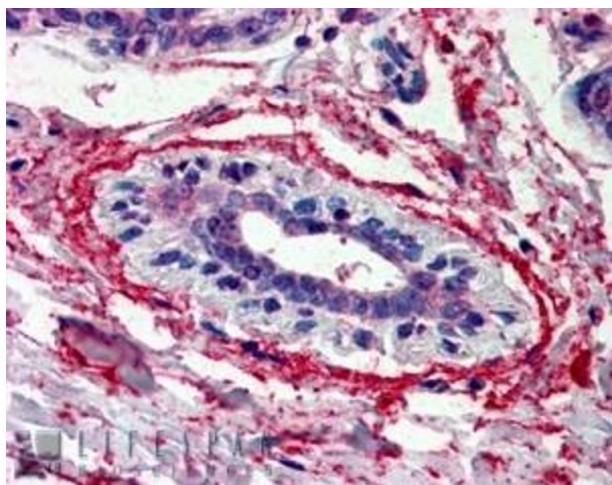


Image 3. ABIN185634 (3.8 µg/mL) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN185634.