

Rabbit WNT-1 Polyclonal Antibody | anti-WNT-1 antibody

RABBIT ANTI HUMAN WNT-1

CATALOG # AAA50009	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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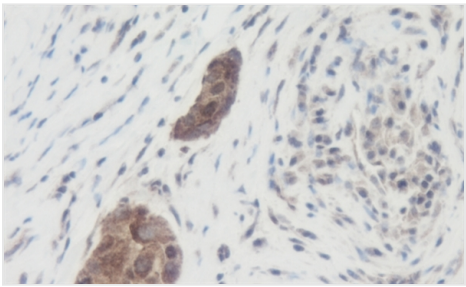
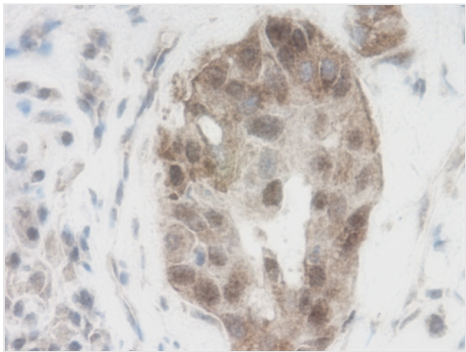
PRODUCT SYNONYMS

WNT-1; Polyclonal Antibody; RABBIT ANTI HUMAN WNT-1; anti-WNT-1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - lyophilised
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	370
Applicable Applications for anti-WNT-1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Reconstitution	Reconstitute with 0.1ml distilled water. For long term storage the addition of 0.09% sodium azide is recommended.
Immunogen	Recombinant human Wnt-1 Buffer Solution
Antiserum Preparation	Antisera to human Wnt-1 were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Target Species	Human
Preparation and Storage	Prior to reconstitution store at 4 degree C. After reconstitution store at -20 degree C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.

IMAGES



Application Data
Formalin fixed, paraffin embedded human breast invasive ductal carcinoma with Rabbit anti Human WNT-1 (AAA50009) following heat mediated antigen retrieval using sodium citrate buffer (pH6.0)

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ADDITIONAL INFORMATION

Related Product Information for anti-WNT-1 antibody	Rabbit anti Human WNT-1 antibody specifically recognizes Wnt-1, formerly known as int-1, a 343 amino acid non-glycosylated secreted protein associated with the extracellular matrix, involved in normal embryonic development and particularly linked with breast cancer. Wnt-1, which signals through binding to the Frizzled family of transmembrane receptors, was originally identified as a proto-oncogene implicated in carcinomas induced by the mouse mammary tumour virus (MMTV). Wnt-1 belongs to a family of Wnt genes involved in the dorso-ventricular development of the mesoderm during embryogenesis, with a restricted temporal and spatial pattern of expression.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885655
NCBI GeneID	7471
NCBI Accession #	NP_005421.1
NCBI GenBank Nucleotide #	NM_005430.3
UniProt Accession #	P04628; Q5U0N2
Molecular Weight	40,982 Da
NCBI Official Full Name	proto-oncogene Wnt-1
NCBI Official Synonym Full Names	wingless-type MMTV integration site family, member 1
NCBI Official Symbol	WNT1
NCBI Official Synonym Symbols	INT1; OI15; BMND16
NCBI Protein Information	proto-oncogene Wnt-1; proto-oncogene Int-1 homolog; wingless-type MMTV integration site family, member 1 (oncogene INT1)
UniProt Protein Name	Proto-oncogene Wnt-1
UniProt Gene Name	WNT1
UniProt Synonym Gene Names	INT1
UniProt Entry Name	WNT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.