

Rabbit WNT-3a Polyclonal Antibody | anti-WNT-3a antibody

RABBIT ANTI HUMAN WNT-3a:Biotin

CATALOG # AAA50093	HOST Rabbit	APPLICATIONS Western Blot, ELISA
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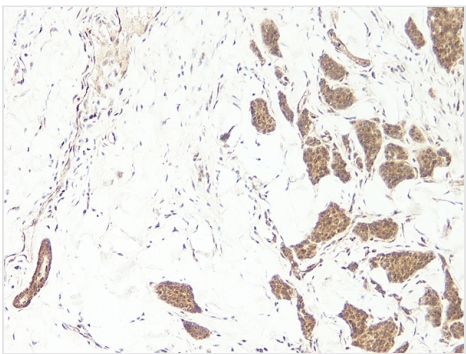
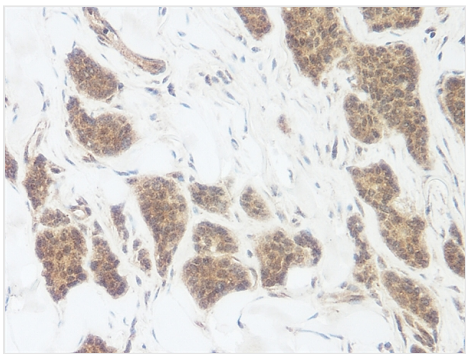
PRODUCT SYNONYMS

WNT-3a; Polyclonal Antibody; RABBIT ANTI HUMAN WNT-3a:Biotin; anti-WNT-3a antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Biotin Purified IgG conjugated to Biotin - lyophilised
Concentration	IgG concentration 0.1mg/ml after reconstitution (varies by lot)
Sequence Length	385
Applicable Applications for anti-WNT-3a antibody	WB (Western Blot), ELISA
Reconstitution	Reconstitute with 0.5ml sterile PBS containing 0.1% bovine serum albumin. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. AAA Biotech recommends that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended.
Immunogen	Recombinant human WNT-3a Buffer Solution
Antiserum Preparation	Antiserum to human WNT-3a were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum 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
Formlin fixed, paraffin embedded human breast invasive ductal carcinoma stained with Rabbit anti Human WNT-3a following heat mediated antigen retrieval using sodium citrate buffer (pH6.0)

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ADDITIONAL INFORMATION

Related Product Information for anti-WNT-3a antibody

Rabbit anti Human WNT-3a antibody specifically recognizes human WNT-3a, a secreted protein and member of the Wnt family of signalling proteins, which acts as a ligand for members of the frizzled family of seven transmembrane receptors, and plays key roles in many developmental and cell fate decisions, including embryonic patterning, CNS development, and cytoskeletal formation. Wnt-3a acts as a promoter of the proliferation of ventral midbrain dopaminergic neuron precursor cells, and has been implicated in the progressive differentiation of anterior neural cells, as well as regulating the survival and expansion of neural progenitors derived from human embryonic stem cells. Wnt3a has been shown to act upstream of the Notch signalling pathway, in the regulation of somitogenesis, which is believed to be controlled by a segmentation clock, consisting of molecular oscillators in the Notch, Wnt3a and Fgf8 pathways.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14916475
NCBI GeneID	89780
NCBI Accession #	NP_149122.1
NCBI GenBank Nucleotide #	NM_033131.3
UniProt Accession #	P56704; Q3SY79; Q3SY80; Q969P2
Molecular Weight	42,905 Da
NCBI Official Full Name	protein Wnt-3a
NCBI Official Synonym Full Names	wingless-type MMTV integration site family, member 3A
NCBI Official Symbol	WNT3A
NCBI Protein Information	protein Wnt-3a
UniProt Protein Name	Protein Wnt-3a
UniProt Gene Name	WNT3A
UniProt Entry Name	WNT3A_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.