

Rabbit WNT7A Polyclonal Antibody | anti-WNT7A antibody

WNT7A

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA269019	Rabbit	Human, Mouse, Rat, Chicken, Pig, Cow, Horse, Rabbit	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

WNT7A; Polyclonal Antibody; Protein Wnt-7a; wnt 7a;Protein Wnt-7a precursor; proto-oncogene wnt7a protein; wingless-type MMTV integration site family; member 7A; WNT7A_HUMAN; anti-WNT7A antibody

PRODUCT SPECIFICATIONS

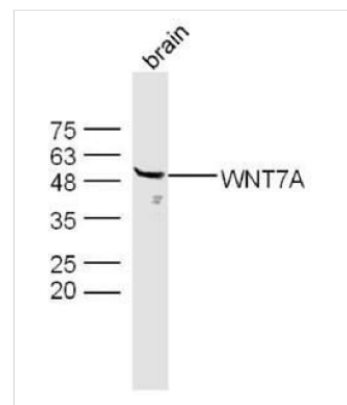
Host	Rabbit
Reactivity	Human, Mouse, Rat, Chicken, Pig, Cow, Horse, Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purified by Protein A
Form/Format	0.01M TBS (pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Applicable Applications for anti-WNT7A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	KLH conjugated synthetic peptide derived from human WNT7A 241-349/349
Positive Control	Expression is restricted to placenta, kidney, testis, uterus, fetal lung, and fetal and adult brain.
Subcellular location	Secreted, extracellular space, extracellular matrix.
Preparation and Storage	Store at -20 degree C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20 degree C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 degree C.

IMAGES



Application Data

Paraformaldehyde-fixed, para fin embedded (Rat brain);Antigen retrieval by boiling in sodium citrate bu fer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking bu fer (normal goat serum) at 37? for 30min; Antibody incubation with (WNT7A) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4?, fo lowed by operating according to SP Kit (Rabbit) instructions and DAB staining.



WB (Western Blot)

Brain (Mouse) Lysate at 40 ug. Primary: Anti-WNT7A at 1/300 dilution. Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution. Predicted band size: 41 kD. Observed band size: 50 kD.

ADDITIONAL INFORMATION

Related Product Information for anti-WNT7A antibody	Protein Wnt-7a is a protein that in humans is encoded by the WNT7A gene. The WNT gene family consists of structurally related genes that encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It encodes a protein showing 99% amino acid identity to the mouse Wnt7A protein. This gene not only guides the development of the anterior-posterior axis in the female reproductive tract but also plays a critical role in uterine smooth muscle patterning and maintenance of adult uterine function. It is also responsive to changes in the levels of sex steroid hormone in the female reproductive tract. Decreased expression of this gene in human uterine leiomyoma is found to be inversely associated with the expression of estrogen receptor alpha.
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	O00755
Molecular Weight	41 kDa

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/wnt7a-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/269019>