

Wnt7a Polyclonal Antibody | anti-WNT7A antibody

Anti-Wnt7a Antibody

CATALOG # AAA46478	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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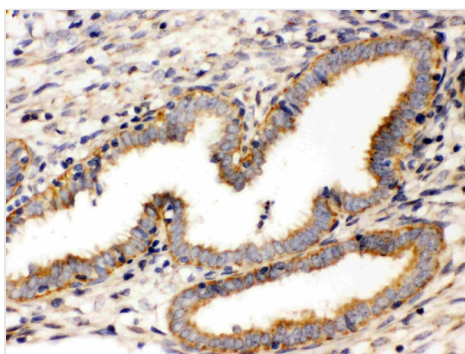
PRODUCT SYNONYMS

Wnt7a; Polyclonal Antibody; Anti-Wnt7a Antibody; Protein Wnt-7a; Protein Wnt-7a precursor; Proto oncogene Wnt7a protein; proto-oncogene wnt7a protein; wingless-type MMTV integration site family; member 7A; WNT7A; WNT7A_HUMAN; anti-WNT7A antibody

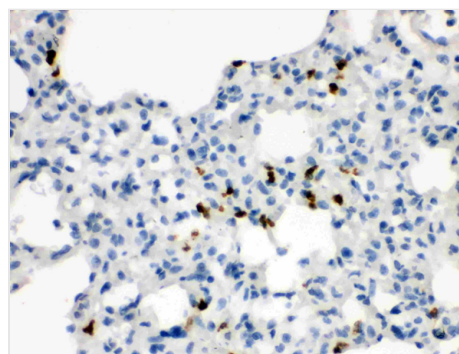
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	349
Applicable Applications for anti-WNT7A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Wnt7a (226-256aa YVLKDKYNEAVHVEPVRASRNKRPTFLKIKK), identical to the related mouse sequence.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

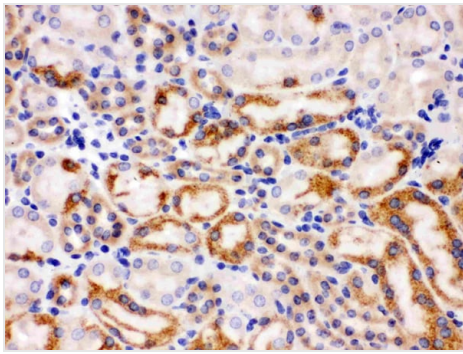
IMAGES



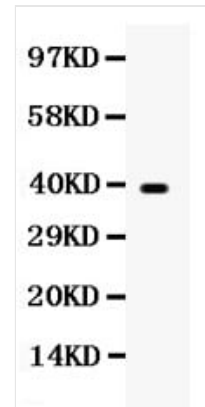
IHC (Immunohistochemistry)
Anti- Wnt7a antibody, IHC(P)IHC(P): Human Endometrial Carcinoma Tissue



IHC (Immunohistochemistry)
Anti- Wnt7a antibody, IHC(P)IHC(P): Rat Lung Tissue



IHC (Immunohistochemistry)
Anti- Wnt7a antibody, IHC(P)IHC(P): Mouse Kidney Tissue



WB (Western Blot)
Anti- Wnt7a antibody, Western blottingAll lanes: Anti Wnt7a at 0.5ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-WNT7A antibody	Description: Rabbit IgG polyclonal antibody for Protein Wnt-7a(WNT7A) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: This gene is a member of the WNT gene family, which 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 involved in the development of the anterior-posterior axis in the female reproductive tract, and also plays a critical role in uterine smooth muscle patterning and maintenance of adult uterine function. Mutations in this gene are associated with Fuhrmann and Al-Awadi / Raas Rothschild / Schinzel phocomelia syndromes.
References	1. Dang Y, Qin Y, Tang R, Mu Y, Li G, Xia M, Chen ZJ. "Variants of the WNT7A gene in Chinese patients with müllerian duct abnormalities." Fertil Steril, 2012 Feb. 2. Kondratov AG, Kvasha SM, Stoliar LA, Romanenko AM, Zgonnyk YM, Gordiyuk VV, Kashuba EV, Rynditch AV, Zabarovsky ER, Kashuba VI. "Alterations of the WNT7A gene in clear cell renal cell carcinomas." PLoS One, 2012.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17505191
NCBI GeneID	7476
NCBI Accession #	NP_004616.2
NCBI GenBank Nucleotide #	NM_004625.3
UniProt Accession #	O00755; Q96H90; Q9Y560
Molecular Weight	39,005 Da
NCBI Official Full Name	protein Wnt-7a
NCBI Official Synonym Full Names	Wnt family member 7A
NCBI Official Symbol	WNT7A
NCBI Protein Information	protein Wnt-7a
UniProt Protein Name	Protein Wnt-7a
UniProt Gene Name	WNT7A
UniProt Entry Name	WNT7A_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.

