

**DATASHEET**

**WNT7A Rabbit Polyclonal Antibody**

CAT. NO. APA17317

**KEY FEATURES**

Target	WNT7A	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

**BACKGROUND**

Ligand for members of the frizzled family of seven transmembrane receptors that functions in the canonical Wnt/beta-catenin signaling pathway . Plays an important role in embryonic development, including dorsal versus ventral patterning during limb development, skeleton development and urogenital tract development . Required for central nervous system (CNS) angiogenesis and blood-brain barrier regulation . Required for normal, sexually dimorphic development of the Mullerian ducts, and for normal fertility in both sexes . Required for normal neural stem cell proliferation in the hippocampus dentate gyrus . Required for normal progress through the cell cycle in neural progenitor cells, for self-renewal of neural stem cells, and for normal neuronal differentiation and maturation .

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

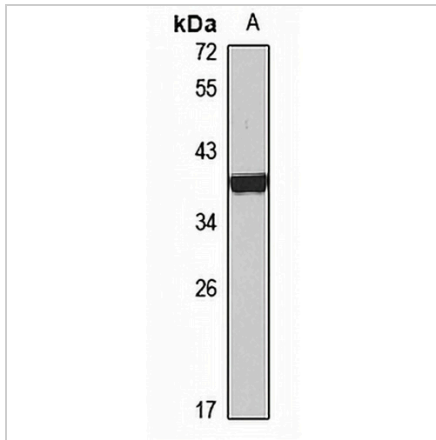
Description	Rabbit polyclonal antibody to WNT7A
Specificity	Recognizes endogenous levels of WNT7A protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human WNT7A. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 39 kD; Observed: 39 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Protein Wnt-7a
Gene Symbol	WNT7A
Entrez Gene	7476(Human); 22421(Mouse)
SwissProt	O00755(Human); P24383(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of WNT7A expression in mouse kidney (A) whole cell lysates.  
(Predicted band size: 39 kD; Observed band size: 39 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.