

**DATASHEET**

**WNT4 Rabbit Polyclonal Antibody**

CAT. NO. APA13780

**KEY FEATURES**

Target	WNT4	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	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 (Probable). Plays an important role in the embryonic development of the urogenital tract and the lung . Plays an important role in the embryonic development of the urogenital tract and the lung . Required for normal mesenchyme to epithelium transition during embryonic kidney development. Required for the formation of early epithelial renal vesicles during kidney development . Required for normal formation of the Mullerian duct in females, and normal levels of oocytes in the ovaries . Required for normal down-regulation of 3 beta-hydroxysteroid dehydrogenase in the ovary . Required for normal lung development and for normal patterning of tracheal cartilage rings .

**APPLICATION**

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

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

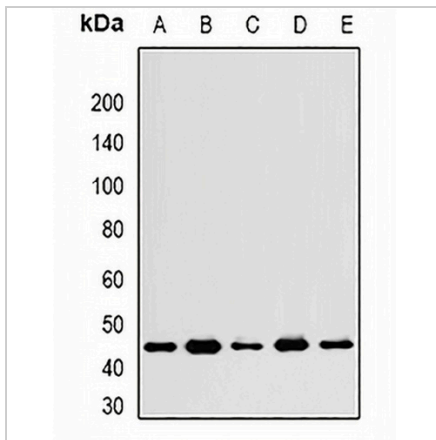
Description	Rabbit polyclonal antibody to WNT4
Specificity	Recognizes endogenous levels of WNT4 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human WNT4
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 32; Observed: 46 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-4
Gene Symbol	WNT4
Entrez Gene	54361(Human); 22417(Mouse); 84426(Rat)
SwissProt	P56705(Human); P22724(Mouse); Q9QXQ5(Rat)

\*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 WNT4 expression in A549 (A), PC3 (B), mouse brain (C), mouse lung (D), rat brain (E) whole cell lysates. (Predicted band size: 32; 39 kD; Observed band size: 46 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.