

Rabbit WNT4 Polyclonal Antibody | anti-WNT4 antibody

WNT4 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289147	Rabbit	Human, mouse (Predicted Reactivity: Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

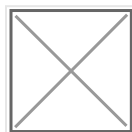
PRODUCT SYNONYMS

WNT4; Polyclonal Antibody; WNT4 Antibody (Center); Protein Wnt-4; anti-WNT4 antibody

PRODUCT SPECIFICATIONS

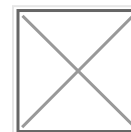
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This WNT4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 211-239 amino acids from the Central region of human WNT4.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	211-239
Sequence Length	351
Applicable Applications for anti-WNT4 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of MDA-MB468 cells using WNT4 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram)FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human bladder carcinoma reacted with WNT4 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of WNT4 Antibody (Center) in mouse bladder tissue lysates (35ug/lane). WNT4 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-WNT4 antibody	The WNT family consists of secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. WNT4 is a protein which shows 98% amino acid identity to the Wnt4 protein of mouse and rat. It play a concerted role in both the control of female development and the prevention of testes formation.
Product Categories/Family for anti-WNT4 antibody	Cancer; Developmental biology; Signal transduction
References	Kuulasmaa, T., Horm. Metab. Res. 40 (10), 668-673 (2008) Miyakoshi, T., Endocr. Pathol. 19 (4), 261-273 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	17402922
NCBI GeneID	54361
NCBI Accession #	NP_110388.2
NCBI GenBank Nucleotide #	NM_030761.4
UniProt Accession #	P56705; Q5TZQ0; Q96T81; Q9BXF5; Q9H1J8; Q9UJM2; B4DJF9
Molecular Weight	39052
NCBI Official Full Name	protein Wnt-4
NCBI Official Synonym Full Names	wingless-type MMTV integration site family, member 4
NCBI Official Symbol	WNT4
NCBI Official Synonym Symbols	WNT-4; SERKAL
NCBI Protein Information	protein Wnt-4
UniProt Protein Name	Protein Wnt-4
UniProt Gene Name	WNT4
UniProt Entry Name	WNT4_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/wnt4-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289147>