

Mouse anti-Human, Mouse WNT4 Monoclonal Antibody | anti-WNT4 antibody

WNT4 Antibody

CATALOG # AAA290653	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

WNT4; Monoclonal Antibody; WNT4 Antibody; Protein Wnt-4; anti-WNT4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1698CT540.169.185
Specificity	This WNT4 antibody is generated from a mouse immunized with a recombinant protein between 30-351 amino acids from human WNT4.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Sequence Length	351
Applicable Applications for anti-WNT4 antibody	ELISA, WB (Western Blot)
Cellular Location	Secreted, extracellular space, extracellular matrix.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

All lanes : Anti-WNT4 Antibody at 1:4000 dilution
Lane 1: Hela whole cell lysate
Lane 2: MCF-7 whole cell lysate
Lane 3: mouse lung lysate
Lane 4: SK-BR-3 whole cell lysate
Lane 5: MDA-MB-231 whole cell lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 39 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-WNT4 antibody	Background: Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. May be a signaling molecule which affects the development of discrete regions of tissues. Is likely to signal over only few cell diameters (By similarity). Overexpression may be associated with abnormal proliferation in human breast tissue. Function: 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 (PubMed:15317892, PubMed:16959810, PubMed:18179883, PubMed:18182450). Required for normal mesenchyme to epithelium transition during embryonic kidney development. Required for the formation of early epithelial renal vesicles during kidney development (By similarity). Required for normal formation of the Mullerian duct in females, and normal levels of oocytes in the ovaries (PubMed:15317892, PubMed:16959810, PubMed:18182450). Required for normal down-regulation of 3 beta-hydroxysteroid dehydrogenase in the ovary (PubMed:15317892, PubMed:16959810, PubMed:18182450). Required for normal lung development and for normal patterning of tracheal cartilage rings (By similarity).
Product Categories/Family for anti-WNT4 antibody	Crown Antibodies; Primary Antibodies; Cancer; Developmental Biology; Signal Transduction; Stem Cells
References	Testa T.T.,et al.Submitted (AUG-2000) to the EMBL/GenBank/DDBJ databases. Jordan B.K.,et al.Am. J. Hum. Genet. 68:1102-1109 (2001). Clark H.F.,et al.Genome Res. 13:2265-2270 (2003). Ota T.,et al.Nat. Genet. 36:40-45 (2004). Kalline N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.

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
NCBI Official Full Name	protein Wnt-4
NCBI Official Synonym Full Names	Wnt 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/monoclonal/wnt4-antibody-clone-1698ct540-169-185-western-blot-elisa/290653>