

Rabbit WNT16 Polyclonal Antibody | anti-WNT16 antibody

WNT16 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284580	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

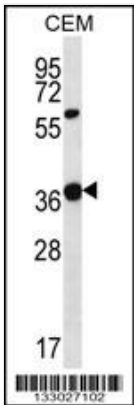
WNT16; Polyclonal Antibody; WNT16 Antibody (C-term); Protein Wnt-16; anti-WNT16 antibody

PRODUCT SPECIFICATIONS

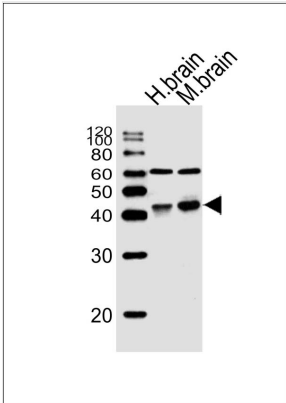
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This WNT16 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 236-265 amino acids from the C-terminal region of human WNT16.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	236-265
Sequence Length	355
Applicable Applications for anti-WNT16 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
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.



IHC (Immunohistochemisry)
WNT16 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of WNT16 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
WNT16 Antibody (C-term) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the WNT16 antibody detected the WNT16 protein (arrow).



WB (Western Blot)
Western blot analysis of lysates from human brain, mouse brain tissue (from left to right), using WNT16 Antibody (C-term). AAA284580 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-WNT16 antibody	The WNT gene family consists of structurally related genes which 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 a member of the WNT gene family. It contains two transcript variants diverging at the 5' termini. These two variants are proposed to be the products of separate promoters and not to be splice variants from a single promoter. They are differentially expressed in normal tissues, one of which (variant 2) is expressed at significant levels only in the pancreas, whereas another one (variant 1) is expressed more ubiquitously with highest levels in adult kidney, placenta, brain, heart, and spleen.
Product Categories/Family for anti-WNT16 antibody	Crown Antibodies; Signal Transduction
References	Binet, R., et al. Cancer Res. 69(24):9183-9191(2009) Memarian, A., et al. Leuk. Lymphoma 50(12):2061-2070(2009) Nygren, M.K., et al. Exp. Hematol. 37(2):225-233(2009) Teh, M.T., et al. J. Cell. Sci. 120 (PT 2), 330-339 (2007) : Casagrande, G., et al. Haematologica 91(6):765-771(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	17402914
NCBI GeneID	51384
NCBI Accession #	NP_057171.2; NP_476509.1
NCBI GenBank Nucleotide #	NM_016087.2
UniProt Accession #	Q9UBV4; Q2M3G1; Q9Y5C0
Molecular Weight	40690
NCBI Official Full Name	protein Wnt-16 isoform 2
NCBI Official Synonym Full Names	wingless-type MMTV integration site family, member 16
NCBI Official Symbol	WNT16
NCBI Protein Information	protein Wnt-16
UniProt Protein Name	Protein Wnt-16
UniProt Gene Name	WNT16
UniProt Entry Name	WNT16_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://www.aaabiotech.com/polyclonal/wnt16-antibody-immunohistochemistry-western-blot-elisa/284580>