

Wnt2b Polyclonal Antibody | anti-WNT2B antibody

Anti-Wnt2b Antibody

CATALOG # AAA46569	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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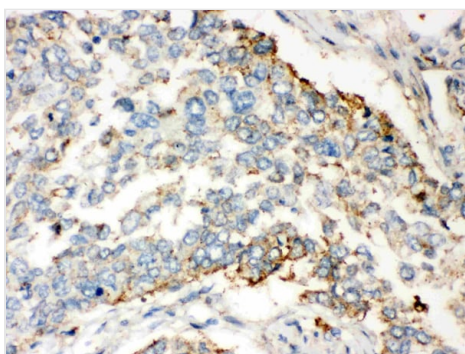
PRODUCT SYNONYMS

Wnt2b; Polyclonal Antibody; Anti-Wnt2b Antibody; Protein Wnt-2b; Protein Wnt-13; Wingless type MMTV integration site family; member 13; member 2B; WNT13; WNT2B_HUMAN; XWNT2; Xenopus; homolog of antibody; wingless-type MMTV integration site family; anti-WNT2B antibody

PRODUCT SPECIFICATIONS

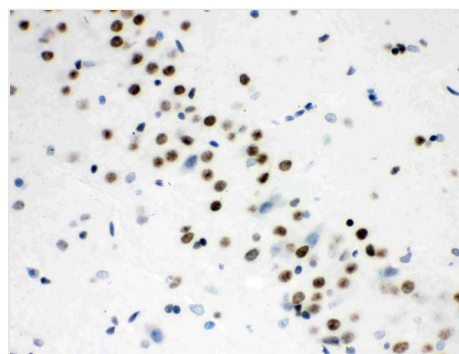
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	299
Applicable Applications for anti-WNT2B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Wnt2b (87-112 aa QRYPDIMRSVGEGAREWIRECQHQR), identical to the related mouse and rat sequences.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



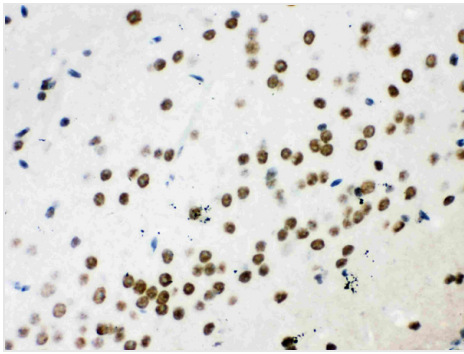
IHC (Immunohistochemistry)

Anti- WNT2B Picoband antibody, AAA46569, IHC(P)IHC(P): Human Lung Cancer Tissue

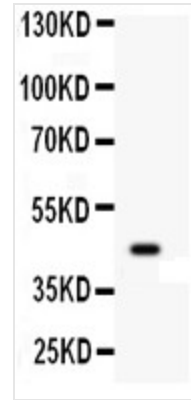


IHC (Immunohistochemistry)

Anti- WNT2B Picoband antibody, AAA46569, IHC(P)IHC(P): Rat Brain Tissue



IHC (Immunohistochemistry)
Anti- WNT2B Picoband antibody, AAA46569, IHC(P)IHC(P): Mouse Brain Tissue



WB (Western Blot)
Anti- WNT2B Picoband antibody, AAA46569, Western blottingAll lanes: Anti WNT2B (AAA46569) at 0.5ug/mlWB: 22RV1 Whole Cell Lysate at 40ugPredicted bind size: 44KDObserved bind size: 44KD

ADDITIONAL INFORMATION

Related Product Information for anti-WNT2B antibody	Description: Rabbit IgG polyclonal antibody for Protein Wnt-2b(WNT2B) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: WNT2B (Wingless-Type MMTV Integration Site Family Member 2B), is a protein that in humans is encoded by the WNT2B gene. This gene encodes a member of the wingless-type MMTV integration site (WNT) family of highly conserved, secreted signaling factors. Katoh et al. (1996) used fluorescence in situ hybridization to map the WNT13 gene to chromosome 1p13. WNT family members function in a variety of developmental processes including regulation of cell growth and differentiation and are characterized by a WNT-core domain. This gene may play a role in human development as well as human carcinogenesis.
References	1. Katoh, M., Hirai, M., Sugimura, T., Terada, M. Cloning, expression and chromosomal localization of Wnt-13, a novel member of the Wnt gene family. <i>Oncogene</i> 13: 873-876, 1996. 2. Ober, E. A., Verkade, H., Field, H. A., Stainier, D. Y. R. Mesodermal Wnt2b signalling positively regulates liver specification. <i>Nature</i> 442: 688-691, 2006. 3. Wolda, S. L., Moon, R. T. Cloning and developmental expression in <i>Xenopus laevis</i> of seven additional members of the Wnt family. <i>Oncogene</i> 7: 1941-1947, 1992.

NCBI AND UNIPROT INFORMATION

NCBI GI #	630044901
NCBI GeneID	7482
NCBI Accession #	NP_001278809.1
NCBI GenBank Nucleotide #	NM_001291880.1
UniProt Accession #	Q93097; O14903; Q5TEH9; Q5TEI2; Q9HDC1; Q9HDC2
Molecular Weight	41,830 Da
NCBI Official Full Name	protein Wnt-2b isoform 3
NCBI Official Synonym Full Names	Wnt family member 2B
NCBI Official Symbol	WNT2B
NCBI Official Synonym Symbols	WNT13
NCBI Protein Information	protein Wnt-2b
UniProt Protein Name	Protein Wnt-2b
UniProt Gene Name	WNT2B
UniProt Synonym Gene Names	WNT13

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/wnt2b-antibody-immunohistochemistry-western-blot-elisa/46569>