

Rabbit WNT3 Polyclonal Antibody | anti-WNT3 antibody

WNT3 antibody - middle region

CATALOG # AAA200052	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot
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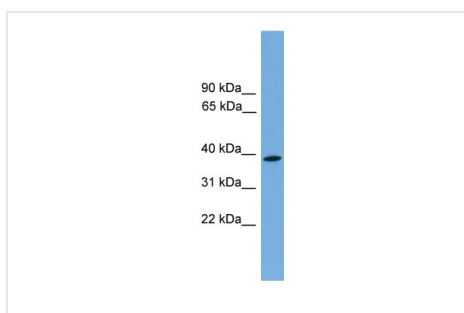
PRODUCT SYNONYMS

WNT3; Polyclonal Antibody; WNT3 antibody - middle region; anti-WNT3 antibody

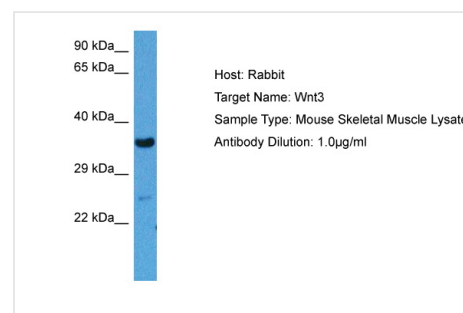
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SH HKGPPGEGWK WGGCSEDADF GVLVSREFAD ARENRPDARS AMNKHNE
Sequence Length	355
Applicable Applications for anti-WNT3 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human WNT3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-WNT3 Antibody Titration: 0.2-1 ug/ml Positive Control: Human brain


WB (Western Blot)

Host: Mouse Target Name: WNT3 Sample Tissue: Mouse Skeletal Muscle Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-WNT3 antibody	This is a rabbit polyclonal antibody against WNT3. It was validated on Western Blot Target Description: 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 encodes a protein which shows 98% amino acid identity to mouse Wnt3 protein, and 84% to human WNT3A protein, another WNT gene product. The mouse studies show the requirement of Wnt3 in primary axis formation in the mouse. Studies of the gene expression suggest that this gene may play a key role in some cases of human breast, rectal, lung, and gastric cancer through activation of the WNT-beta-catenin-TCF signaling pathway. This gene is clustered with WNT15, another family member, in the chromosome 17q21 region.
Product Categories/Family for anti-WNT3 antibody	Polyclonal; Cell Biology; Membrane & Traffic; Pathways In Cancer; WNT Signaling; Cell Morphogenesis; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	13540477
NCBI GeneID	7473
NCBI Accession #	NP_110380
NCBI GenBank Nucleotide #	NM_030753
UniProt Accession #	P56703
Molecular Weight	37kDa
NCBI Official Full Name	proto-oncogene Wnt-3
NCBI Official Synonym Full Names	Wnt family member 3
NCBI Official Symbol	WNT3
NCBI Official Synonym Symbols	INT4; TETAMS
NCBI Protein Information	proto-oncogene Wnt-3
UniProt Protein Name	Proto-oncogene Wnt-3
UniProt Gene Name	WNT3
UniProt Synonym Gene Names	INT4
UniProt Entry Name	WNT3_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.