

anti-Human Wnt5a Monoclonal Antibody | anti-Wnt5a antibody

Wnt5a Rabbit mAb

CATALOG # AAA314484	HOST Recombinant Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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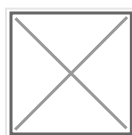
PRODUCT SYNONYMS

Wnt5a; Monoclonal Antibody; Wnt5a Rabbit mAb; hWNT5A; anti-Wnt5a antibody

PRODUCT SPECIFICATIONS

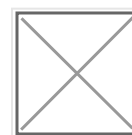
Host	Recombinant Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S08-4A3
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-Wnt5a antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human Wnt5a
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry of Wnt5a (green) in HeLa using Wnt5a Rabbit mAb at dilution 1/50, and DAPI(blue)



WB (Western Blot)

Western blot detection of Wnt5a in HeLa cell lysates using Wnt5a Rabbit mAb(1:500 diluted).Predicted band size:42kDa.Observed band size:45kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-Wnt5a antibody	Ligand for members of the frizzled family of seven transmembrane receptors. Can activate or inhibit canonical Wnt signaling, depending on receptor context. In the presence of FZD4, activates beta-catenin signaling. In the presence of ROR2, inhibits the canonical Wnt pathway by promoting beta-catenin degradation through a GSK3-independent pathway which involves down-regulation of beta-catenin-induced reporter gene expression. Suppression of the canonical pathway allows chondrogenesis to occur and inhibits tumor formation. Stimulates cell migration. Decreases proliferation, migration, invasiveness and clonogenicity of carcinoma cells and may act as a tumor suppressor (PubMed:15735754). Mediates motility of melanoma cells (PubMed:17426020). Required during embryogenesis for extension of the primary anterior-posterior axis and for outgrowth of limbs and the genital tubercle. Inhibits type II collagen expression in chondrocytes.
Product Categories/Family for anti-Wnt5a antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	371502087
NCBI GeneID	7474
NCBI Accession #	NP_001243034.1
NCBI GenBank Nucleotide #	NM_001256105.1
UniProt Accession #	P41221; Q6P278; A8K4A4
Molecular Weight	380
NCBI Official Full Name	protein Wnt-5a isoform 2
NCBI Official Synonym Full Names	wingless-type MMTV integration site family, member 5A
NCBI Official Symbol	WNT5A
NCBI Official Synonym Symbols	hWNT5A
NCBI Protein Information	protein Wnt-5a; WNT-5A protein
UniProt Protein Name	Protein Wnt-5a
UniProt Gene Name	WNT5A
UniProt Entry Name	WNT5A_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/wnt5a-antibody-clone-s08-4a3-immunofluorescence-western-blot-elisa/314484>