

Product Datasheet

Wnt5a Antibody

Catalog No: CY6869

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB ICC/IF FC



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Information

UniProt ID: P41221

All Names: hWNT5A; Protein Wnt5a; Wingless type MMTV integration site family member 5A; WNT 5A protein; WNT 5A protein precursor; WNT5A;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 42 kDa

Application

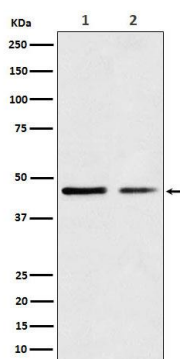
WB 1:500~1:1000

ICC/IF 1:50~1:200

FC 1:20

Background

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.



Western blot analysis of Wnt5a expression in (1) HeLa cell lysate; (2) SK-OV-3 cell lysate.

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