

WNT5A Rabbit Polyclonal Antibody



CAB12744

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

42kDa

Calculated MW:

40kDa/42kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

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 encodes a member of the WNT family that signals through both the canonical and non-canonical WNT pathways. This protein is a ligand for the seven transmembrane receptor frizzled-5 and the tyrosine kinase orphan receptor 2. This protein plays an essential role in regulating developmental pathways during embryogenesis. This protein may also play a role in oncogenesis. Mutations in this gene are the cause of autosomal dominant Robinow syndrome. Alternate splicing results in multiple transcript variants.

Immunogen information

Gene ID:

7474

Uniprot

P41221

Synonyms:

hWNT5A; Wnt5a; WNT5A

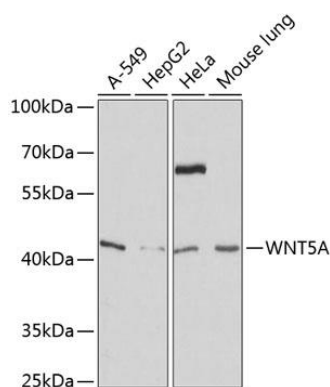
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 250-350 of human WNT5A (NP_003383.2).

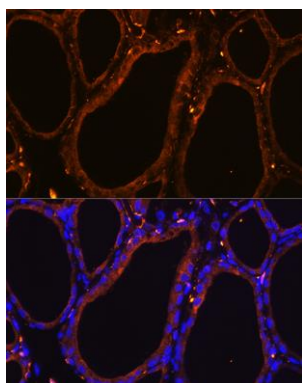
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

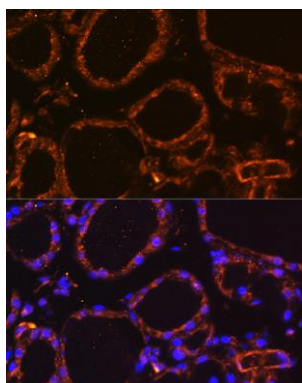
Product Images



Western blot analysis of extracts of various cell lines, using WNT5A antibody (CAB12744) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunofluorescence analysis of Rat thyroid using WNT5A Rabbit pAb (CAB12744) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Mouse thyroid using WNT5A Rabbit pAb (CAB12744) at dilution of 1:100. Blue: DAPI for nuclear staining.