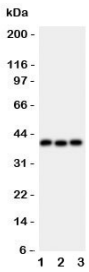
WNT5A Antibody (R31492)

Catalog No.	Formulation	Size
R31492	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	7474
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	This WNT5A antibody is available for research use only.



Western blot testing of WNT5A antibody and Lane 1: HeLa; 2: MCF-7; 3: HT1080 lysate. Predicted molecular weight ~41 kDa, commonly observed at 41-45 kDa.

Description

WNT5A is a protein that in humans is encoded by the gene of the same name. It is a member of the WNT gene family. The WNTs comprise a large class of secreted proteins that control essential developmental processes such as embryonic patterning, cell growth, migration, and differentiation. It is mapped to 3p14.3. WNT5A is highly expressed in the dermal papilla of depilated skin. This protein plays an essential role in regulating developmental pathways during embryogenesis. It may also play a role in oncogenesis. WNT5A and DVL can promote axon differentiation mediated by the PAR3-PAR6-aPKC complex.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the WNT5A antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 184-303) was used as the immunogen for this WNT5A antibody.

Storage

After reconstitution, the WNT5A antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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