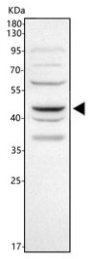
WNT5A Antibody (RQ8728)

Catalog No.	Formulation	Size
RQ8728	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P41221
Applications	Western blot: 1-2ug/ml ELISA: 0.1-0.5ug/ml
Limitations	This WNT5A antibody is available for research use only.



Western blot testing of human SiHa cell lysate with WNT5A antibody. Predicted molecular weight ~41 kDa, commonly observed at 41-45 kDa.

Description

Protein Wnt-5a is a protein that in humans is encoded by the WNT5A gene. This gene 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. And this protein may also play a role in oncogenesis. WNT5A and DVL can promote axon differentiation mediated by the PAR3-PAR6-aPKC complex.

Application Notes

Optimal dilution of the WNT5A antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids D198-D303) was used as the immunogen for the 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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