

Basic Information

Product Name	Anti-WNT5A Antibody (Clone#ABEE-23)	
Gene Name	WNT5A	
Source	Rabbit	
Clonality	Monoclonal	
Isotype	IgG	
Species Reactivity	human	
Tested Application	WB, ICC/IF, FCM	
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.	
Immunogen	A synthesized peptide derived from human Wnt5a	
Concentration	500 ug/ml	
Purification	Affinity-chromatography	
Observed MW	42,55 kDa	
Dilution Ratios	Western blot (WB):	1:500-2000
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-200
	Flow Cytometry (FCM):	1:20

Storage

12 months from date of receipt, -20°C as supplied.

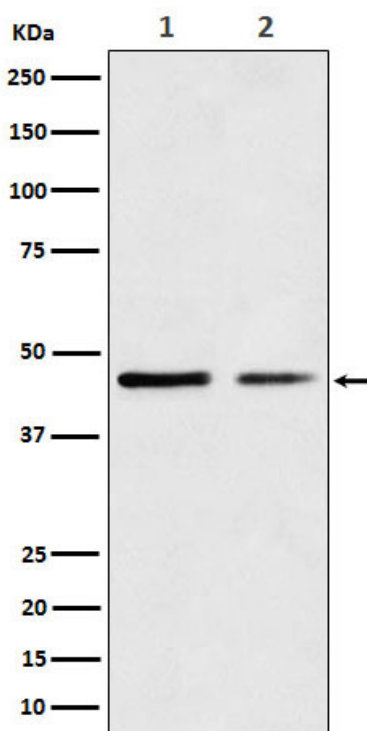
Background Information

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.

Reference

Anti-WNT5A Antibody (Clone#ABEE-23)被引用在3文献中。

Selected Validation Data



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