

Wnt5a Ab

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Cat.#: DF6856	Concn.: ~1mg/ml	Mol.Wt.: 42kDa
Size:	Source: Rabbit	Clonality: Polyclonal
Application:	WB 1:500-1:2000, IHC 1:50-1:200 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human,Mouse,Rat	
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).	
Immunogen:	A synthesized peptide derived from human Wnt5a, corresponding to a region within the internal amino acids.	
Uniprot:	P41221	
Description:	The Wnt family includes several secreted glycoproteins that play important roles in animal development . There are 19 Wnt genes in the human genome that encode functionally distinct Wnt proteins . Wnt members bind to the Frizzled family of seven-pass transmembrane proteins and activate several signaling pathways . The canonical Wnt/?-catenin pathway also requires a coreceptor from the low-density lipoprotein receptor family . Aberrant activation of Wnt signaling pathways is involved in several types of cancers .	

Western blot analysis of extracts from various samples, using Wnt5a Ab.
Lane 1: Hepg2 cells(heat-shock treatment), blocked with antigen-specific peptides.
Lane 2: Hepg2 cells(heat-shock treatment).
Lane 3: Hela cells(heat-shock treatment).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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