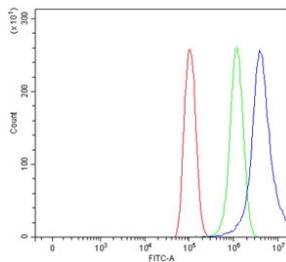


WNT10B Antibody (RQ7426)

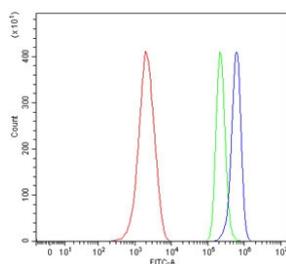
Catalog No.	Formulation	Size
RQ7426	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

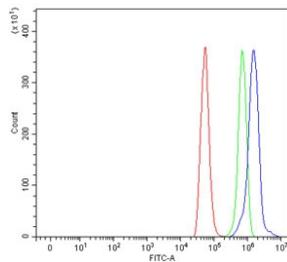
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O00744
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells
Limitations	This WNT10B antibody is available for research use only.



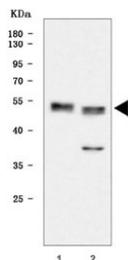
Flow cytometry testing of human PC-3 cells with WNT10B antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= WNT10B antibody.



Flow cytometry testing of mouse ANA-1 cells with WNT10B antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= WNT10B antibody.



Flow cytometry testing of rat NRK cells with WNT10B antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= WNT10B antibody.



Western blot testing of human 1) T-47D and 2) HeLa cell lysate with WNT10B antibody. Predicted molecular weight ~45 kDa.

Description

Protein Wnt-10b (formerly Wnt12[5]) is a protein that in humans is encoded by the WNT10B gene. 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 is a member of the WNT gene family. It may be involved in breast cancer, and its protein signaling is likely a molecular switch that governs adipogenesis. This protein is 96% identical to the mouse Wnt10b protein at the amino acid level. This gene is clustered with another family member, WNT1, in the chromosome 12q13 region.

Application Notes

Optimal dilution of the WNT10B antibody should be determined by the researcher.

Immunogen

Amino acids RLPHHSAILKRGFRE from the human protein were used as the immunogen for the WNT10B antibody.

Storage

After reconstitution, the WNT10B antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.