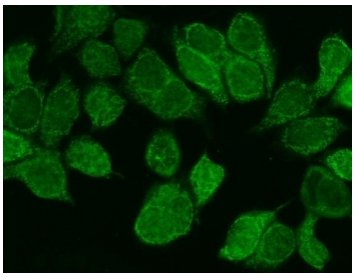
WNT8B Antibody (RQ6818)

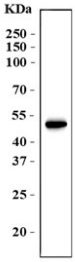
Catalog No.	Formulation	Size
RQ6818	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
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	Q93098
Applications	Western Blot : 1-2ug/ml Immunofluorescence (FFPE) : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This WNT8B antibody is available for research use only.



Immunofluorescent staining of FFPE human MCF7 cells with WNT8B antibody. HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human RT4 cell lysate with WNT8B antibody. Predicted molecular weight ~39 kDa.

Description

Protein Wnt-8b is a protein that in humans is encoded by the WNT8B 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 encodes a protein which shows 95%, 86% and 71% amino acid identity to the mouse, zebrafish and Xenopus Wnt8B proteins, respectively. The expression patterns of the human and mouse genes appear identical and are restricted to the developing brain. The chromosomal location of this gene to 10q24 suggests it as a candidate gene for partial epilepsy.

Application Notes

Optimal dilution of the WNT8B antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids A206-R340) was used as the immunogen for the WNT8B antibody.

Storage

After reconstitution, the WNT8B antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.