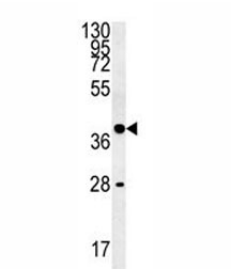
WNT8B Antibody (F43382)

Catalog No.	Formulation	Size
F43382-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43382-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q93098
Applications	Western blot: 1:1000
Limitations	This WNT8B antibody is available for research use only.



WNT8B Antibody K562 WB. Western blot analysis of human K562 cell lysate using WNT8B antibody demonstrates a distinct immunoreactive band at approximately 39 kDa, consistent with the predicted molecular weight of WNT8B. WNT8B is a secreted Wnt family signaling ligand that participates in developmental signaling pathways regulating cell fate determination, tissue patterning, differentiation, and cellular communication. As an upstream activator of Wnt signaling cascades, WNT8B influences transcriptional programs involved in embryogenesis and maintenance of tissue organization. The observed band supports expression of WNT8B in K562 cells and demonstrates the utility of this antibody for western blot analysis of Wnt pathway-associated proteins. Predicted molecular weight: ~39 kDa.

Description

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.

Learn more about WNT8B function, Wnt signaling, and developmental pathway regulation on our WNT8B Antibody / Developmental Signaling Ligand page.

Application Notes

Titration of the WNT8B antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 323-351 from the human protein was used as the immunogen for this WNT8B antibody.

Storage

Aliquot the WNT8B antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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