

Anti-Tetraspanin-9 TSPAN9 Antibody

Catalog Number: A12841

About TSPAN9

The tetraspan family protein members are characterized by four predicted transmembrane domains and are thought to be involved in physiological processes such as tissue differentiation, immunological responses, and sperm-egg fusion. TSPAN9 has recently been identified as a platelet tetraspanin and a component of tetraspanin microdomains that include the collagen receptor GPVI (glycoprotein VI) and integrin $\alpha 6\beta 1$ but not the von Willebrand receptor GPIIb/IIIa or the integrins $\alpha 1\text{Ib}\beta 3$ or $\alpha 2\beta 1$, suggesting that TSPAN9 may act to regulate platelet function in concert with other tetraspanins and their associated proteins.

Overview

Product Name	Anti-Tetraspanin-9 TSPAN9 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Tetraspanin-9 TSPAN9 Antibody (Catalog # A12841). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	TSPAN9 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	TSPAN9 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	O75954

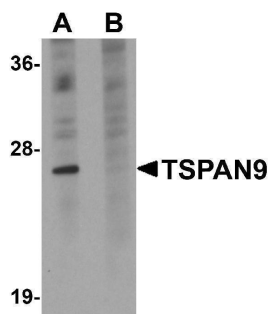
Technical Details

Immunogen	TSPAN9 antibody was raised against a 15 amino acid synthetic peptide from near the center of human TSPAN9. The immunogen is located within amino acids 90 - 140 of TSPAN9.
Predicted Reactive Species	Pig, Sheep
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TSPAN9 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TSPAN9 antibody can be used for detection of TSPAN9 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20

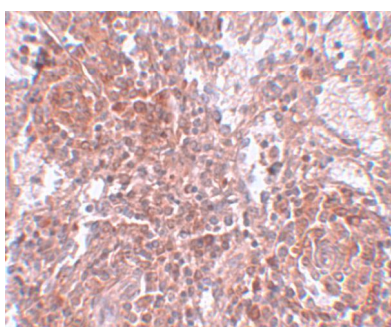
ug/mL.

Antibody validated: Western Blot in mouse samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

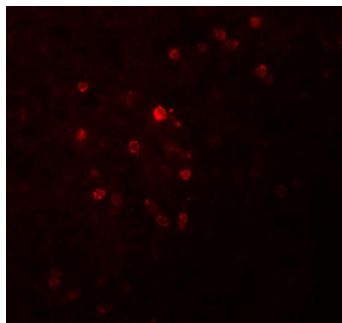
Anti-Tetraspanin-9 TSPAN9 Antibody (A12841) Images



Western blot analysis of TSPAN9 in EL4 cell lysate with TSPAN9 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of TSPAN9 in human spleen tissue with TSPAN9 antibody at 2.5 ug/mL.



Immunofluorescence of TSPAN9 in human spleen tissue with TSPAN9 antibody at 20 ug/mL.

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Anti-Tetraspanin-9 TSPAN9 Antibody

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