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Anti-TEM4 ARHGEF17 Antibody

Catalog Number: A10510

About ARHGEF17

Rho GTPases, which are activated by specific guanine-nucleotide exchange factors (GEFs), play pivotal roles in several cellular functions. TEM4, encoding a protein containing 1510 amino acids, contains a RhoGEF-specific Dbl homology (DH) domain but lacks their typical pleckstrin homology domain. TEM4 is a Rho-specific GEF with novel structural and regulatory properties and predominant expression in the heart. It couples tyrosine kinase signals with the activation of the rho/rac GTPases, thus leading to cell differentiation and/or proliferation. Elevated levels of TEM4, TEM5, TEM6, TEM7 and TEM7R were also raised in breast cancer tissues. TEM4 could also prove to be useful targets therapeutically.

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Overview

Product Name	Anti-TEM4 ARHGEF17 Antibody
Reactive Species	Human
Description	Boster Bio Anti-TEM4 ARHGEF17 Antibody (Catalog # A10510). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	TEM4 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	TEM4 antibody can be stored at 4°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	Q96PE2

Technical Details

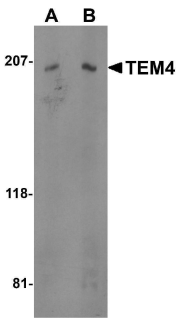
Immunogen	TEM4 antibody was raised against a 18 amino acid synthetic peptide near the center of human TEM4. The immunogen is located within amino acids 910 - 960 of TEM4.
Predicted Reactive Species	Mouse
Isotype	IgG

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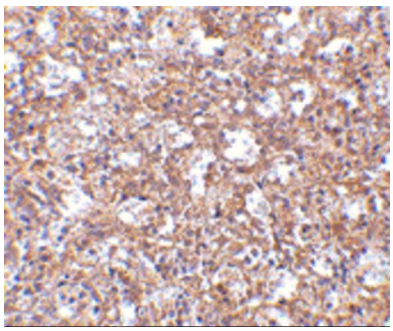
Form	Liquid
Concentration	1 mg/mL
Purification	TEM4 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TEM4 antibody can be used for detection of TEM4 by Western blot at 0.5 - 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples and Immunohistochemistry in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-TEM4 ARHGEF17 Antibody (A10510) Images



Western blot analysis of TEM4 in Jurkat cell lysate with TEM4 antibody at (A) 0.5 and (B) 1 ug/mL.



Immunohistochemistry of TEM4 in human spleen tissue with TEM4 antibody at 2.5 ug/mL.

Anti-TEM4 ARHGEF17 Antibody

For Research Use Only. Not for use in diagnostic procedures.