

Datasheet for ABIN6990812
anti-ARHGEF17 antibody (AA 910-960)



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Overview

Quantity:	0.1 mg
Target:	ARHGEF17
Binding Specificity:	AA 910-960
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGEF17 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product 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.
Isotype:	IgG
Purification:	TEM4 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	ARHGEF17
Alternative Name:	TEM4 (ARHGEF17 Products)
Background:	TEM4 Antibody: 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

Target Details

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.

Molecular Weight: Predicted: 220 kDa

Observed: 200 kDa

Gene ID: 9828

UniProt: [Q96PE2](#)

Application Details

Application Notes: TEM4 antibody can be used for detection of TEM4 by Western blot at 0.5 - 1 μ g/mL. Antibody can also be used for immunohistochemistry starting at 2.5 μ g/mL. For immunofluorescence start at 20 μ g/mL.

Antibody validated: Western Blot in human samples and Immunohistochemistry in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: TEM4 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: TEM4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.