

Rabbit anti-Human TEM4 Polyclonal Antibody | anti-ARHGEF17 antibody

TEM4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39980	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

TEM4; Polyclonal Antibody; TEM4 Antibody; P164RHOGF; p164-RhoGEF; KIAA0337; Rho guanine nucleotide exchange factor 17; 164 kDa Rho-specific guanine-nucleotide exchange factor; Rho guanine nucleotide exchange factor (GEF) 17; anti-ARHGEF17 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TEM4 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	2063
Applicable Applications for anti-ARHGEF17 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TEM4 antibody was raised against a 18 amino acid synthetic peptide near the center of human TEM4.
Buffer	TEM4 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TEM4 antibody can be stored at 4 degree C for three months and -20 degree 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.

IMAGES



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-ARHGEF17 antibody	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 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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NCBI AND UNIPROT INFORMATION

NCBI GI #	74724250
NCBI GeneID	9828
UniProt Accession #	Q96PE2; Q86XU2; Q8N2S0; Q9Y4G3; B2RP20
Molecular Weight	221,673 Da
NCBI Official Full Name	Rho guanine nucleotide exchange factor 17
NCBI Official Synonym Full Names	Rho guanine nucleotide exchange factor (GEF) 17
NCBI Official Symbol	ARHGEF17
NCBI Official Synonym Symbols	TEM4; P164RHOGEF; p164-RhoGEF
NCBI Protein Information	rho guanine nucleotide exchange factor 17; tumor endothelial marker 4; 164 kDa Rho-specific guanine-nucleotide exchange factor; Rho-specific guanine-nucleotide exchange factor 164 kDa
UniProt Protein Name	Rho guanine nucleotide exchange factor 17
UniProt Gene Name	ARHGEF17
UniProt Synonym Gene Names	KIAA0337; TEM4; p164-RhoGEF; p164RhoGEF
UniProt Entry Name	ARHGH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tem4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39980>