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

TEM4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307703	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

TEM4; Polyclonal Antibody; TEM4 Antibody; Tumor endothelial marker 4; ARHGEF17; Rho guanine nucleotide exchange factor 17; p164RHOGEF; anti-TEM4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	2063
Applicable Applications for anti-TEM4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 18 amino acid peptide near the center of human TEM4.
Target Name	TEM4
Preparation and Storage	Can be stored at -20 degree C, stable for 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 (Immunohiostchemistry)
Immunohistochemistry of TEM4 in human spleen tissue with TEM4 antibody at 2.5 ug/mL.



WB (Western Blot)
Western blot analysis of TEM4 in Jurkat Cell lysate with TEM4 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-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.

Product Categories/Family for anti-TEM4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361458
NCBI GeneID	9828
NCBI Accession #	NP_055601.2
NCBI GenBank Nucleotide #	NM_014786.3
UniProt Accession #	Q96PE2; Q86XU2; Q8N2S0; Q9Y4G3; B2RP20
Molecular Weight	221,673 Da
NCBI Official Full Name	rho guanine nucleotide exchange factor 17
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-immunohistochemistry-western-blot-elisa/307703