

Datasheet for ABIN1713566
anti-TSPAN32 antibody (AA 101-200)

1 Publication

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	TSPAN32
Binding Specificity:	AA 101-200
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSPAN32 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TSPAN32
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

Target Details

Target:	TSPAN32
Alternative Name:	PHEMX/ART1 (TSPAN32 Products)

Target Details

Background: Synonyms: ART 1, FLJ17158, FLJ97586, MGC22455, PHEMX/ART1, Pan hematopoietic expression, PHEMX, PHMX, tetraspanin 32, Tetraspanin, tetraspanin32, TSPAN32, TSSC6, Tumor suppressing STF cDNA 6, Tumor suppressing subchromosomal transferable fragment cDNA 6, Tumor suppressing subtransferable candidate 6.

Background: Phemx is a member of the tetraspanin (TM4SF) family of proteins that may be involved in transmembrane signal transduction, regulation of cell proliferation, differentiation and motility. Phemx is a multi-pass membrane protein containing intracellular N- and C-terminal domains, four transmembrane domains and two extracellular loops. It is ubiquitously expressed from early embryogenesis through adulthood. Phemx exhibits predominant expression in hematopoietic tissues suggesting a role in hematopoietic-cell function. In association with the Integrin IIb/Integrin α 3 complex, Phemx functions to stabilize arterial thrombi in platelets and regulate outside-in? signaling. This interaction may be important in the process of wound healing. The gene encoding Phemx is located in an important tumor-suppressor gene region that has been associated with Beckwith-Wiedemann syndrome as well as a variety of cancers.

Gene ID: 10077

Application Details

Application Notes: ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
IP(1-2 μ g)
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 μ g/ μ L

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Tang, Li, Wang, Threadgill, Xiao, Mou, Song, Kuang, Yang, Yang, Gao, Wang, Meng: "ART1 promotes starvation-induced autophagy: a possible protective role in the development of colon carcinoma." in: American journal of cancer research , Vol. 5, Issue 2, pp. 498-513, (2015) (PubMed).
-------------------	--