

Goat Anti-PHEMX / TSPAN32 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1820a

Specification

Goat Anti-PHEMX / TSPAN32 Antibody - Product Information

Application	WB
Primary Accession	Q96QS1
Other Accession	NP_620591 , 10077
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	34631

Goat Anti-PHEMX / TSPAN32 Antibody - Additional Information

Gene ID 10077

Other Names

Tetraspanin-32, Tspan-32, Protein Phemx, TSPAN32, PHEMX, TSSC6

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-PHEMX / TSPAN32 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-PHEMX / TSPAN32 Antibody - Protein Information

Name TSPAN32

Synonyms PHEMX, TSSC6



AF1820a staining (2 µg/ml) of HeLa lysate (RIPA buffer, 30 µg total protein per lane). Primary incubated for 12 hour. Detected by western blot using chemiluminescence.

Goat Anti-PHEMX / TSPAN32 Antibody - Background

This gene, which is a member of the tetraspanin superfamily, is one of several tumor-suppressing subtransferable fragments located in the imprinted gene domain of chromosome 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian and breast cancers. This gene is located among several imprinted genes; however, this gene, as well as the tumor-suppressing subchromosomal transferable fragment 4, escapes imprinting. This gene may play a role in malignancies and diseases that involve this region, and it is also involved in hematopoietic cell function. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.

Cellular Location

Membrane; Multi-pass membrane protein

Tissue Location

Expressed ubiquitously at low levels. High levels of expression are confined to hematopoietic tissues including peripheral blood leukocytes, thymus and spleen

Goat Anti-PHEMX / TSPAN32 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-PHEMX / TSPAN32 Antibody - References

The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.

An unappreciated role for RNA surveillance. Hillman RT, et al. Genome Biol, 2004. PMID 14759258.

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Molecular characterisation of mouse and human TSSC6: evidence that TSSC6 is a genuine member of the tetraspanin superfamily and is expressed specifically in haematopoietic organs. Robb L, et al. Biochim Biophys Acta, 2001 Nov 11. PMID 11718897.

Phemx, a novel mouse gene expressed in hematopoietic cells maps to the imprinted cluster on distal chromosome 7. Nicholson RH, et al. Genomics, 2000 Aug 15. PMID 10950922.