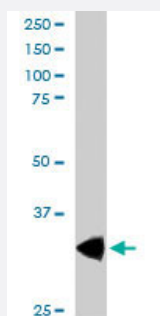


TSPAN32 polyclonal antibody

Catalog # PAB6166 Size 100 ug

Applications



Western Blot (Cell lysate)

TSPAN32 polyclonal antibody (Cat # PAB6166) staining (2 ug/mL) of HeLa lysate (RIPA buffer, 30 ug total protein per lane). Primary incubated for 12 hour. Detected by western blot using chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of TSPAN32.
Immunogen	A synthetic peptide corresponding to human TSPAN32.
Sequence	GGLSGCPERGLSD
Host	Goat
Theoretical MW (kDa)	34.6
Reactivity	Human
Specificity	This antibody is expected to recognize human isoforms 1 and 2 (NP_620591.1, NP_005696.1) but not human isoforms 3 and 4 (NP_620592, NP_620593).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:2000) Western blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — TSPAN32

Entrez GeneID	10077
Protein Accession#	NP_620591.1;NP_005696.1
Gene Name	TSPAN32
Gene Alias	FLJ17158, FLJ97586, MGC22455, PHEMX, PHMX, TSSC6
Gene Description	tetraspanin 32
Omim ID	603853
Gene Ontology	Hyperlink
Gene Summary	<p>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. [provided by RefSeq]</p>

Other Designations

pan-hematopoietic expression protein|tumor-suppressing STF cDNA 6|tumor-suppressing subchromosomal transferable fragment cDNA 6|tumor-suppressing subtransferable candidate 6

Publication Reference

- [Two novel genes in the center of the 11p15 imprinted domain escape genomic imprinting.](#)

Lee MP, Brandenburg S, Landes GM, Adams M, Miller G, Feinberg AP.

Human Molecular Genetics 1999 Apr; 8(4):683.