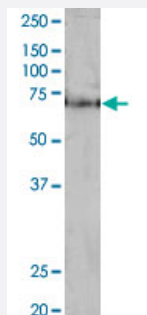


PES1 polyclonal antibody

Catalog # PAB6415

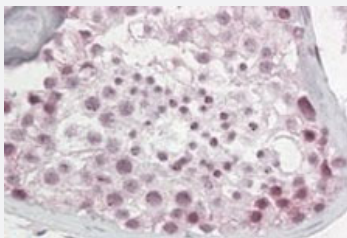
Size 100 ug

Applications



Western Blot (Cell lysate)

PES1 polyclonal antibody (Cat # PAB6415) staining (1 ug/mL) of HeLa lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

PES1 polyclonal antibody (Cat # PAB6415) (3.8 ug/mL) staining of paraffin embedded human testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of PES1.
Immunogen	A synthetic peptide corresponding to N terminus of human PES1.
Sequence	GGLEKKKYERGSA-C
Host	Goat
Theoretical MW (kDa)	68
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:32000) Western Blot (1-3 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)(2.5-3.8 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)

PES1 polyclonal antibody (Cat # PAB6415) staining (1 ug/mL) of HeLa lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

PES1 polyclonal antibody (Cat # PAB6415) (3.8 ug/mL) staining of paraffin embedded human testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PES1

Entrez GeneID	23481
Protein Accession#	NP_055118
Gene Name	PES1
Gene Alias	PES
Gene Description	pescadillo homolog 1, containing BRCT domain (zebrafish)
Omim ID	605819
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a protein that is abnormally elevated in malignant tumors of astrocytic origin. It is a strongly conserved gene containing a BRCT domain that is essential for the activity of this gene product. The gene plays a crucial role in cell proliferation and may be necessary for oncogenic transformation and tumor progression. [provided by RefSeq]

Other Designations

pescadillo homolog 1, containing BRCT domain

Publication Reference

- [Pescadillo interacts with the cadmium response element of the human heme oxygenase-1 promoter in renal epithelial cells.](#)

Sikorski EM, Uo T, Morrison RS, Agarwal A.

The Journal of Biological Chemistry 2006 Jun; 281(34):24423.