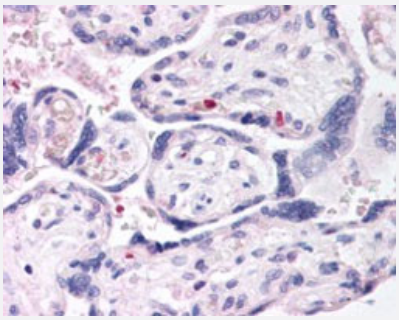
DUSP16 polyclonal antibody

Catalog # PAB6074 Size 100 ug

Applications



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

DUSP16 polyclonal antibody (Cat # PAB6074) staining (2.5 ug/mL) of paraffin embedded human placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of DUSP16.
Immunogen	A synthetic peptide corresponding to human DUSP16.
Sequence	AHEMIGTQIVTER-C
Host	Goat
Theoretical MW (kDa)	73
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) Immunohistochemistry (2-4 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 shoul d be handled by trained staff only.

Applications

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

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — DUSP16

Entrez GeneID	80824
Protein Accession#	NP_085143.1
Gene Name	DUSP16
Gene Alias	KIAA1700, MGC129701, MGC129702, MKP-7, MKP7
Gene Description	dual specificity phosphatase 16
Omim ID	607175
Gene Ontology	Hyperlink
Gene Summary	The activation of mitogen-activated protein kinase (MAPK) cascades transduces various extracell ular signals to the nucleus to induce gene expression, cell proliferation, differentiation, cell cycle ar rest, and apoptosis. For full activation of MAPKs, dual-specificity kinases phosphorylate both thre onine and tyrosine residues in MAPK TXY motifs. MKPs are dual-specificity phosphatases that d ephosphorylate the TXY motif, thereby negatively regulating MAPK activity.[supplied by OMIM
Other Designations	MAPK phosphatase-7

Publication Reference

- A Novel MAPK phosphatase MKP-7 acts preferentially on JNK/SAPK and p38 alpha and beta MAPKs.

  Tanoue T, Yamamoto T, Maeda R, Nishida E.

  The Journal of Biological Chemistry 2001 Jul; 276(28):26629.

Pathway

- MAPK signaling pathway

Disease

- Tobacco Use Disorder