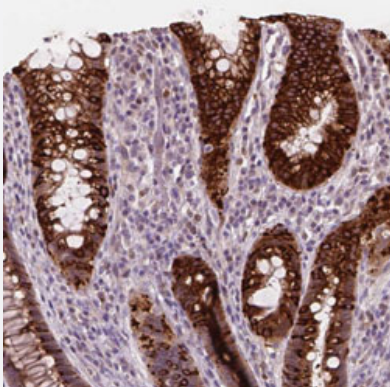


DUSP16 polyclonal antibody

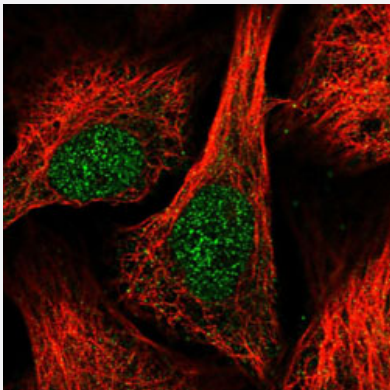
Catalog # PAB30808 Size 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human rectum with DUSP16 polyclonal antibody (Cat # PAB30808) shows strong cytoplasmic positivity in glandular cells.



Immunofluorescence

Immunofluorescent staining of U-2 OS with DUSP16 polyclonal antibody (Cat # PAB30808) (Green) shows positivity in nucleus but excluded from the nucleoli.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human DUSP16.
Immunogen	Recombinant protein corresponding to human DUSP16.
Sequence	KSETPLSPPCADSATSEAAGQRPVHPASVPSVPSVQPSLLEDSPVLVQALSGHLHSADRLEDN KLKRSFSLDIKSVSYSASMAASLHGFSSSEDALEYKPSSTLTDGNTKLCQFSPVQELSEQTPETS PDKEEASIPKK
Host	Rabbit

Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage 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

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

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Gene Info — DUSP16

Entrez GeneID	80824
Protein Accession#	Q9BY84
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 extracellular signals to the nucleus to induce gene expression, cell proliferation, differentiation, cell cycle arrest, and apoptosis. For full activation of MAPKs, dual-specificity kinases phosphorylate both threonine and tyrosine residues in MAPK TXY motifs. MKPs are dual-specificity phosphatases that dephosphorylate the TXY motif, thereby negatively regulating MAPK activity.[supplied by OMIM]

Other Designations

MAPK phosphatase-7

Pathway

- [MAPK signaling pathway](#)

Disease

- [Tobacco Use Disorder](#)