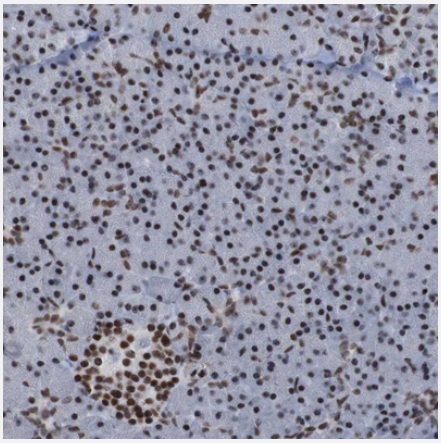
PHF2 polyclonal antibody

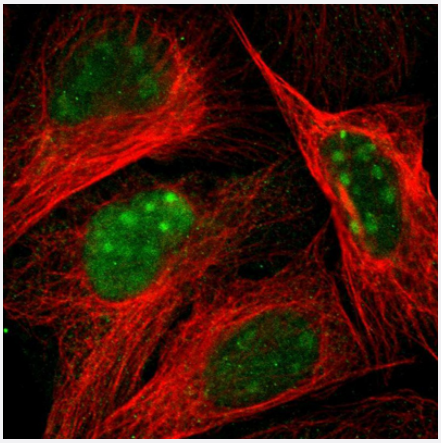
Catalog # PAB30578 Size 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreas with PHF2 polyclonal antibody (Cat # PAB30578) shows strong nuclear positivity in exocrine glandular cells and islet cells.



Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with PHF2 polyclonal antibody (Cat # PAB30578) shows positivity in nucleus and nucleoli. Antibody staining is shown in green.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human PHF2.
Immunogen	Recombinant protein corresponding to amino acids 589-724 of human PHF2.
Sequence	LEIREQTKSKSEAKWKYKNSKPDSLLKMEEEQKLEKSPLAGNKDNKFSFSFSNKKLLGSKALRP PTSPGVFGALQNFKEDKPKPVRDEYEYVSDDGELKIDEFPIRRKKNAPKRDLSFLLDKKAVLPTP VTKPKLD

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) (1:200 - 1:500) 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 short term storage. 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 shoul d be handled by trained staff only.

Applications

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

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- Immunofluorescence

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Gene Info — PHF2

Entrez GeneID	5253
Protein Accession#	O75151
Gene Name	PHF2
Gene Alias	GRC5, JHDM1E, KIAA0662, MGC176680
Gene Description	PHD finger protein 2
Omim ID	604351

Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein which contains a zinc finger-like PHD (plant homeodomain) finger, distinct from other classes of zinc finger motifs, and a hydrophobic and highly conserved domain. The PHD finger shows the typical Cys4-His-Cys3 arrangement. PHD finger genes are thought to belong to a diverse group of transcriptional regulators possibly affecting eukaryotic gene expression by influencing chromatin structure. [provided by RefSeq
Other Designations	jumonji C domain-containing histone demethylase 1E

Disease

- Tobacco Use Disorder