

Rabbit PHF17 Polyclonal Antibody | anti-PHF17 antibody

PHF17 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323274	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

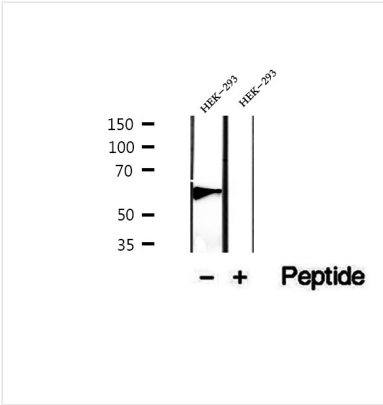
PRODUCT SYNONYMS

PHF17; Polyclonal Antibody; PHF17 Antibody; FLJ22479; Gene for apoptosis and differentiation in epithelia; JADE1; JADE1_HUMAN; KIAA1807; OTTHUMP00000219842; OTTHUMP00000219934; OTTHUMP00000219935; OTTHUMP00000219936; PHD finger protein 17; PHD protein Jade 1; Phf17; Protein Jade 1; Protein Jade-1; anti-PHF17 antibody

PRODUCT SPECIFICATIONS

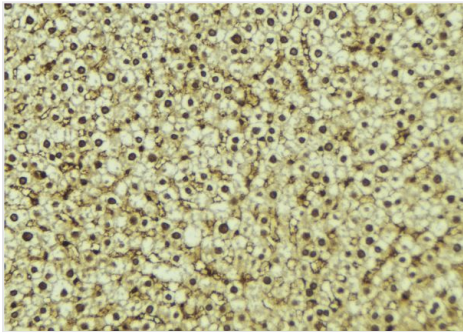
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PHF17 antibody detects endogenous levels of PHF17.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	830
Applicable Applications for anti-PHF17 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PHF17.
Subcellular Location	Cytoplasm. Nucleus.
Tissue Specificity	Highly expressed in kidney. Also present in pancreas, liver and heart (at protein level). Down-regulated in renal cancer cells.
Predicted Cross Reactivity	Pig, Sheep, Rabbit, Dog
Similarity	Pig (83%), Sheep (92%), Rabbit (80%), Dog (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of HEK-293 cells, using PHF17 antibody.



IHC (Immunohistochemistry)

AAA323274 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-PHF17 antibody	Function: Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. Transcriptional coactivator, it may also promote acetylation of nucleosomal histone H4 by KAT5. Promotes apoptosis. May act as a renal tumor suppressor. Negatively regulates canonical Wnt signaling; at least in part, cooperates with NPHP4 in this function. Subunit Structure: Component of the HBO1 complex composed at least of ING4 or ING5, KAT7/HBO1, MEAF6, and one of JADE1, JADE2 and JADE3. Isoform 3 interacts with VHL and KAT5. Interacts with NPHP4. Similarity: The 2 PHD-type zinc fingers are required for transcriptional activity. Belongs to the JADE family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	566006176
NCBI GeneID	79960
NCBI Accession #	NP_001274366.1
NCBI GenBank Nucleotide #	NM_001287437.1
UniProt Accession #	Q6IE81; Q4W5D5; Q6ZSL7; Q8NC41; Q96JL8; Q96SQ1; Q9H692; D3DNY0; D3DNY1
Molecular Weight	Observed: 58-61 kDa; 94-96 kDa Predicted: 96 kDa
NCBI Official Full Name	protein Jade-1 isoform 3
NCBI Official Synonym Full Names	jade family PHD finger 1
NCBI Official Symbol	JADE1
NCBI Official Synonym Symbols	PHF17
NCBI Protein Information	protein Jade-1
UniProt Protein Name	Protein Jade-1
UniProt Gene Name	JADE1
UniProt Synonym Gene Names	KIAA1807; PHF17

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.