Product Datasheet

JMJD6 Antibody

Catalog No: #33079

Package Size: #33079-1 50ul #33079-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

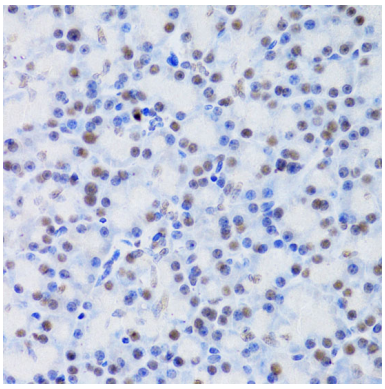
Description

Product Name	JMJD6 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total JMJD6 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human JMJD6.
Conjugates	Unconjugated
Target Name	JMJD6
Other Names	PSR; PTDSR; PTDSR1;
Accession No.	Swiss-Prot:Q6NYC1NCBI Gene ID:23210
SDS-PAGE MW	46KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

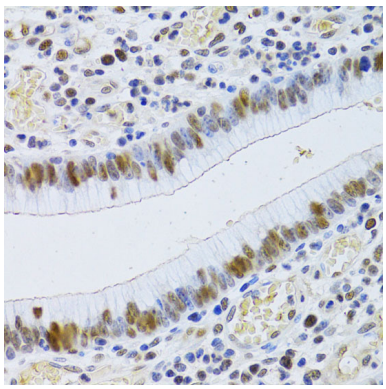
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:100IF□1:50 - 1:100

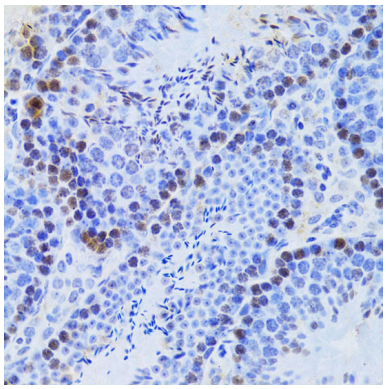
Images



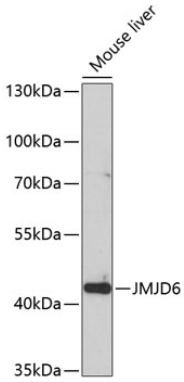
Immunohistochemistry of paraffin-embedded rat pancreas using JMJD6 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human gastric cancer using JMJD6 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse testis using JMJD6 antibody at dilution of 1:100 (40x lens).



Western blot analysis of extracts of mouse liver, using JMJD6 antibody at 1:1000 dilution.

Background

This gene encodes a nuclear protein with a JmjC domain. JmjC domain-containing proteins are predicted to function as protein hydroxylases or histone demethylases. This protein was first identified as a putative phosphatidylserine receptor involved in phagocytosis of apoptotic cells; however, subsequent studies have indicated that it does not directly function in the clearance of apoptotic cells, and questioned whether it is a true phosphatidylserine receptor. Multiple transcript variants encoding different isoforms have been found for this gene.

Published Papers

el at., KRas-ERK signalIng promotes the onset and maIntenance of uveal melanoma through regulatIng JMJD6-mediated H2A.X phosphorylation at tyrosIne 39.In Artif Cells Nanomed Biotechnol on 2019 Dec by Li Y, Yu P, et al..PMID:31736361, , (2019)

PMID:31736361

Note: This product is for in vitro research use only and is not intended for use in humans or animals.