

Mouse PSF3 Monoclonal Antibody | anti-PSF3 antibody

PSF3 antibody

CATALOG # AAA74846	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry
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PRODUCT SYNONYMS

PSF3; Monoclonal Antibody; PSF3 antibody; Monoclonal PSF3; Anti-PSF3; Partner of Sld Five 3; PSF-3; GINS complex subunit 3; PSF3 homolog; PSF 3; anti-PSF3 antibody

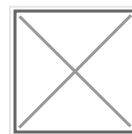
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Number	aps3.2
Specificity	Human PSF3
Form/Format	Supplied in liquid form, containing PBS and 0.09% NaN ₃ .
Sequence Length	212
Applicable Applications for anti-PSF3 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Biological Significance	PSF3 is one of the members of the GINS complex (other members being PSF1, PSF2 and SLD5) which is vital in the generation of replication forks and replisome progression during DNA replication. The precise function of the GINS complex is not completely understood but it is thought to activate the MCM2-7 complex as well as interacting with certain DNA polymerases.
Cross-Reactivity	To be determined by the end user
Immunogen	PSF3 antibody was raised in mice which were immunized with murine PSF3. Mouse spleen cells were isolated and fused with mouse melanoma in order to establish hybridoma cells.
Preparation and Storage	Aliquot and store at -20 degree C. Avoid repeated freeze-thawing.

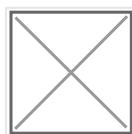
IMAGES


WB (Western Blot)

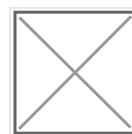
HUVEC: Human umbilical vein endothelial cells


IHC (Immunohistochemistry)

Human colon cancer


IHC (Immunohistochemistry)

PSF3 positive cells (%)


ICC (Immunocytochemistry)

Colo320DM, HCT116, and HT29 are human colon cancer cell lines.

ADDITIONAL INFORMATION

Related Product Information for anti-PSF3 antibody	Mouse monoclonal PSF3 antibody
Product Categories/Family for anti-PSF3 antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	24641012
NCBI GeneID	31967
NCBI Accession #	NP_572624.1
NCBI GenBank Nucleotide #	NM_132396.1
UniProt Accession #	Q9W2V7
Molecular Weight	24,791 Da
NCBI Official Full Name	Psf3, isoform A
NCBI Official Symbol	Psf3
NCBI Official Synonym Symbols	CG2222; DmelCG2222
NCBI Protein Information	CG2222 gene product from transcript CG2222-RC
UniProt Protein Name	AT18545p
UniProt Gene Name	Psf3
UniProt Entry Name	Q9W2V7_DROME

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/psf3-antibody-clone-aps3-2-western-blot-immunohistochemistry-immunocytochemistry-elisa/74846>