

DBF4 recombinant antibody

DBF4 Recombinant Monoclonal Antibody

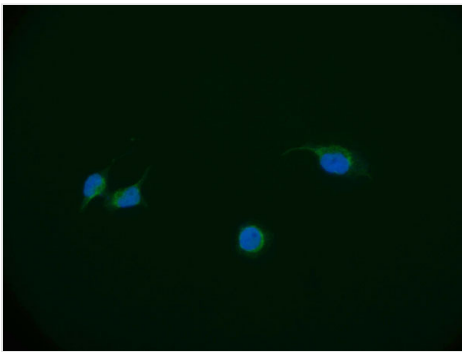
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA278981	HEK293F Cell	Human	Immunofluorescence, Western Blot, ELISA

PRODUCT SYNONYMS

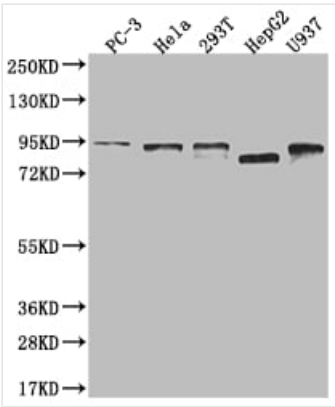
DBF4; Monoclonal Recombinant Antibody; DBF4 Recombinant Monoclonal Antibody; Protein DBF4 homolog A (Activator of S phase kinase)(Chiffon homolog A)(DBF4-type zinc finger-containing protein 1); ASK DBF4A ZDBF1; DBF4 recombinant antibody

PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	24D8
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for DBF4 recombinant antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human DBF4
Conjugation	Non-conjugated
Research Area	Epigenetics and Nuclear Signaling; Cell biology
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



IF (Immunofluorescence)
Immunofluorescence staining of A549 cell with AAA278981 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 551-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



WB (Western Blot)
Western BlotPositive WB detected in: PC3 whole cell lysate, Hela whole cell lysate, 293T whole cell lysate, HepG2 whole cell lysate, U937 whole cell lysateAll lanes: DBF4 antibody at 1:2000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 77, 27 kDaObserved band size: 72-95 kDa

ADDITIONAL INFORMATION

Related Product Information for DBF4 recombinant antibody	Regulatory subunit for CDC7 which activates its kinase activity thereby playing a central role in DNA replication and cell proliferation. Required for progression of S phase. The complex CDC7-DBF4A selectively phosphorylates MCM2 subunit at 'Ser-40' and 'Ser-53' and then is involved in regulating the initiation of DNA replication during cell cycle. {ECO:0000269 PubMed:10373557, ECO:0000269 PubMed:10523313, ECO:0000269 PubMed:17062569}.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5729734
NCBI GeneID	10926
NCBI Accession #	NP_006707.1
NCBI GenBank Nucleotide #	NM_006716.3
UniProt Accession #	Q9UBU7; Q75226; Q75MS6; Q75N01; Q9Y2M6; A4D1D8; A8K954
Molecular Weight	76,858 Da
NCBI Official Full Name	protein DBF4 homolog A
NCBI Official Synonym Full Names	DBF4 homolog (S. cerevisiae)
NCBI Official Symbol	DBF4
NCBI Official Synonym Symbols	ASK; CHIF; DBF4A; ZDBF1
NCBI Protein Information	protein DBF4 homolog A; chifon homolog A; activator of S phase kinase; zinc finger, DBF-type containing 1; DBF4-type zinc finger-containing protein 1
UniProt Protein Name	Protein DBF4 homolog A
UniProt Gene Name	DBF4
UniProt Synonym Gene Names	ASK; DBF4A; ZDBF1
UniProt Entry Name	DBF4A_HUMAN

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.