

Anti-DBF4 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

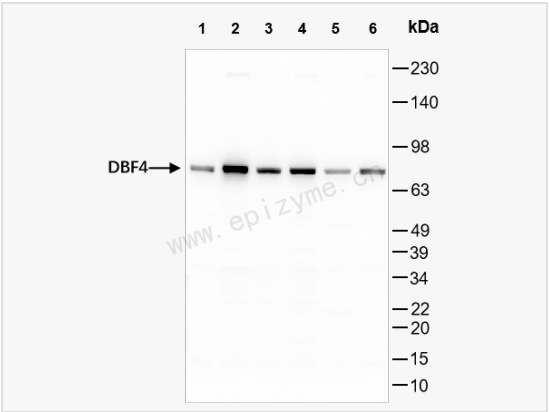
Catalog # R011578

Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:5,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	86L89K97
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human DBF4
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-DBF4 Rabbit mAb [86L89K97] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Activator of S phase kinase; ASK; CHIF; Chifon homolog A; DBF4; DBF4 homolog (S. cerevisiae); DBF4 homolog; DBF4 type zinc finger containing protein 1; DBF4 zinc finger A; DBF4 zinc finger; DBF4, S. cerevisiae, homolog of; DBF4-type zinc finger-containing protein 1; DBF4A; DBF4A_HUMAN; Dumbbell former 4, S. cerevisiae, homolog of; OTTHUMP00000161661; Protein DBF4 homolog A; ZDBF1; Zinc finger, DBF-type containing 1.
Calculated MW	Calculated MW: 77 kDa; Observed MW: 77 kDa
Uniprot ID	Q9UBU7
Gene ID	10926
Background	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.
Cellular Location	Nucleus.
Tissue Location	Highly expressed in testis and thymus. Expressed also in most cancer cells lines.



Western Blot - Anti-DBF4 Rabbit mAb [86L89K97]
All lanes: R011578 at 1:5,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: Huh1 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 4: 293T (Human embryonic kidney cell) whole cell lysates
Lane 5: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates
Lane 6: SH-SY5Y (Human neuroblastoma epithelial cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 77 kDa
Observed band size: 77 kDa
Developed using the ECL technique (Cat. No. SQ201).