

Product datasheet for **TA354621**

DBF4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to the N-terminus of DBF4 protein. This sequence is identical to human, rat and mouse.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	~77 kDa
Gene Name:	DBF4 zinc finger
Database Link:	NP_006707 Entrez Gene 27214 Mouse Entrez Gene 312046 Rat Entrez Gene 10926 Human Q9UBU7
Background:	The human DBF4/ASK protein contains a putative site for phosphorylation by CDK, PEST protease cleavage sites, nuclear localization signals and a short-looped zinc finger-like domain. DBF4 interacts physically with CDC7 and MCM2 as a cyclin-like regulatory subunit of mammalian CDC7, thus it plays a key role in the regulation of DNA replication during the cell cycle in all eukaryotes. The DBF4/ASK is also identified as a novel determinant for melanoma development. The up-regulation of ASK/DBF4 is a novel molecular determinant with prognostic relevance that confers a proliferative advantage in melanoma.
Synonyms:	ASK; CHIF; DBF4A; ZDBF1



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Protein Families: Druggable Genome

Protein Pathways: Cell cycle

Product images:



WB: The tissue extract derived from mouse spleen was immunoblotted by Rabbit anti-DBF4 at 1:500. An immunoreactive band is observed ~77 kDa.