

## Rabbit DBF4 Polyclonal Antibody | anti-DBF4 antibody

Rabbit anti DBF4 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                   |
|-----------|--------|-------------------|----------------------------------------------------------------|
| AAA71334  | Rabbit | Human, Rat, Mouse | Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA |

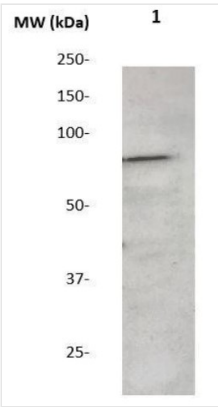
### PRODUCT SYNONYMS

DBF4; Polyclonal Antibody; Rabbit anti DBF4 Polyclonal Antibody; DBF4A; anti-DBF4 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                               |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                        |
| Reactivity                                     | Human, Rat, Mouse                                                                                                                                                                             |
| Clonality                                      | Polyclonal                                                                                                                                                                                    |
| Isotype                                        | IgG                                                                                                                                                                                           |
| Specificity                                    | This antibody recognizes ~77 kDa of DBF4 protein. It cross reacts to human, mouse and rat. The other species are not tested.                                                                  |
| Purity/Purification                            | Purified by Epitope Affinity Purification                                                                                                                                                     |
| Form/Format                                    | Supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.                                                                                                         |
| Sequence Length                                | 661                                                                                                                                                                                           |
| Applicable Applications for anti-DBF4 antibody | WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA                                                                                                                |
| Preparation                                    | A synthetic peptide corresponding to the N-terminus of DBF4 protein. This sequence is identical to human, rat and mouse.                                                                      |
| Positive Control                               | Kidney Tissue                                                                                                                                                                                 |
| Cellular Location                              | Cell Membrane                                                                                                                                                                                 |
| Preparation and Storage                        | The antibodies are stable when stored at -20°C to -70°C. The antibodies can be stored at 2°C-8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles. |

IMAGES



**WB (Western Blot)**  
Western Blot: The tissue extract derived from mouse spleen was immunoblotted by Rabbit anti DBF4 (Cat#AAA71334) at 1:500. An immunoreactive band is observed ~77 kDa.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DBF4 antibody | 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. |
| References                                         | Lepke, M., Putter, V., Staib, C., Kneissl, M., Berger, C., Hoehn, K., Nanda, I., Schmid, M. and Grummt, F. Identification, characterization and chromosomal localization of the cognate human and murine DBF4 genes. Mol. Gen. Genet. 262 (2), 220-229 (1999).                                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                             |
|----------------------------------|-----------------------------|
| NCBI GI #                        | 30519830                    |
| NCBI GeneID                      | 398599                      |
| Molecular Weight                 | 77.0                        |
| NCBI Official Full Name          | Dbf4                        |
| NCBI Official Synonym Full Names | DBF4 zinc finger L homeolog |
| NCBI Official Symbol             | dbf4.L                      |
| NCBI Official Synonym Symbols    | dbf4; dbf4a; xdbf4          |
| NCBI Protein Information         | protein DBF4 homolog A      |
| UniProt Protein Name             | Protein DBF4 homolog A      |
| UniProt Gene Name                | <b>dbf4</b>                 |
| UniProt Synonym Gene Names       | dbf4a                       |

**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.