



Rabbit anti DBF4B Polyclonal Antibody

Alternative Name(s): DBF4 homolog B;

Order Information

- **Description:** DBF4B
- **Catalogue:** 601-790
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB
- **Reactivity:** Hu

ANTIGEN PREPARATION

A synthetic peptide corresponding to the N-terminus of DBF4B protein. This sequence is identical to human, rat and mouse.

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.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes ~77 kDa of DBF4 protein. It cross reacts to human, mouse and rat. The other species are not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20oC to -70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

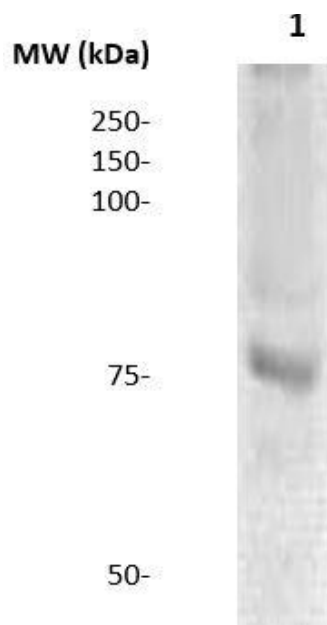
- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 77.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

FOR RESEARCH USE ONLY.

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DATA ATTACHMENTS



Western Blot: The tissue extract derived from mouse spleen was immunoblotted by Rabbit anti DBF4 (Cat#601-710) at 1:500. An immunoreactive band is observed ~77 kDa.

REFERENCES

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