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Datasheet for ABIN564742
anti-DBF4 antibody (AA 2-98)

4 Images

1 Publication

Overview

Quantity:	100 µg
Target:	DBF4
Binding Specificity:	AA 2-98
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DBF4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant DBF4.
Immunogen:	DBF4 (NP_006707, 2 a.a. ~ 98 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	NSGAMRIHSK GHFQGGIQVK NEKNRPSLKS LKTDNRPEKS KCKPLWGKVF YLDLPSVTIS EKLQKDIKDL GGRVEEFLSK DISYLISNKK EAKFAQT
Clone:	6G9
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	DBF4
Alternative Name:	DBF4 (DBF4 Products)
Background:	Full Gene Name: DBF4 homolog (S. cerevisiae) Synonyms: ASK,CHIF,DBF4A,ZDBF1
Gene ID:	10926
NCBI Accession:	NM_006716
Pathways:	Mitotic G1-G1/S Phases, DNA Replication

Application Details

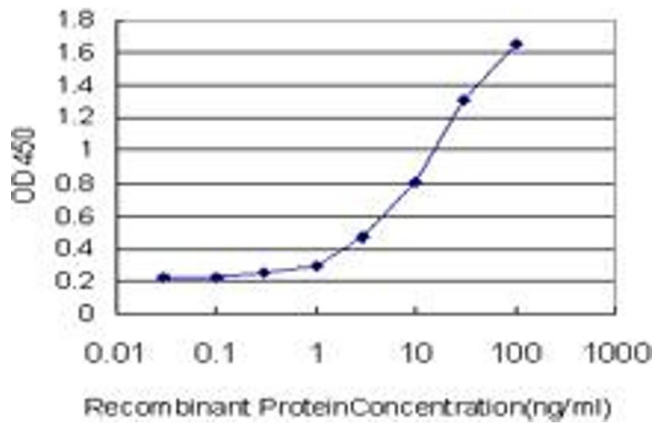
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

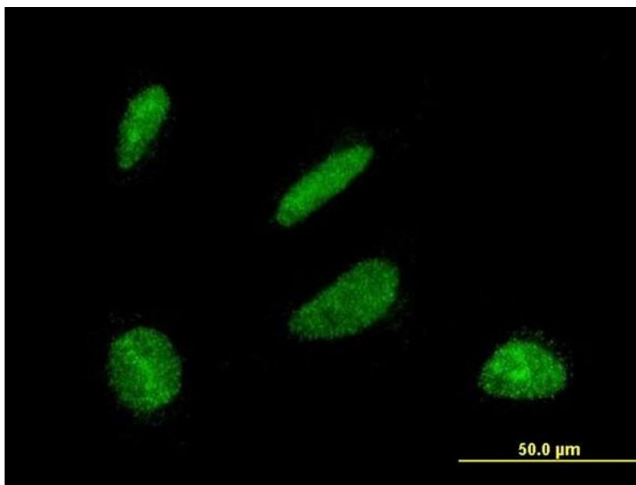
Publications

Product cited in:	Hughes, Jenkins, Dar, Engelman, Cherepanov: "Transcriptional co-activator LEDGF interacts with Cdc7-activator of S-phase kinase (ASK) and stimulates its enzymatic activity." in: The Journal of biological chemistry , Vol. 285, Issue 1, pp. 541-54, (2009) (PubMed).
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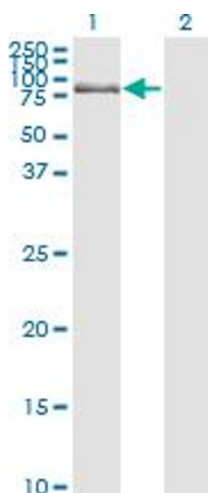
ELISA

Image 1. Detection limit for recombinant GST tagged DBF4 is approximately 0.1 ng/ml as a capture antibody.



Immunofluorescence

Image 2. Immunofluorescence of monoclonal antibody to DBF4 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blotting

Image 3. Western Blot analysis of DBF4 expression in transfected 293T cell line by DBF4 monoclonal antibody (M01), clone 6G9.

Lane 1: DBF4 transfected lysate(76.9 KDa).

Lane 2: Non-transfected lysate.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN564742.