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Datasheet for ABIN873251 **anti-DBF4 antibody (AA 21-110)**

Overview

Quantity:	100 µL
Target:	DBF4
Binding Specificity:	AA 21-110
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DBF4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DBF4A
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DBF4
Alternative Name:	DBF4A (DBF4 Products)

Target Details

Background:	<p>Synonyms: Activator of S phase kinase, ASK, Chfon homolog A, DBF4, DBF4 type zinc finger containing protein 1, DBF4-type zinc finger-containing protein 1, DBF4A, DBF4A_HUMAN, Protein DBF4 homolog A, ZDBF1.</p> <p>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. Tissue specificity: Highly expressed in testis and thymus. Expressed also in most cancer cells lines.</p>
Gene ID:	10926
Pathways:	Mitotic G1-G1/S Phases, DNA Replication

Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months