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Datasheet for ABIN7165242
anti-DBF4 antibody (AA 101-281)

2 Images

Overview

Quantity:	100 µg
Target:	DBF4
Binding Specificity:	AA 101-281
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DBF4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Protein DBF4 homolog A protein (101-281AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DBF4
Alternative Name:	DBF4 (DBF4 Products)
Background:	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

Target Details

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.

Aliases: Activator of S phase kinase antibody, ASK antibody, CHIF antibody, Chiffon homolog A antibody, DBF4 antibody, DBF4 homolog (S. cerevisiae) antibody, DBF4 homolog antibody, DBF4 type zinc finger containing protein 1 antibody, DBF4 zinc finger A antibody, DBF4 zinc finger antibody, DBF4, S. cerevisiae, homolog of antibody, DBF4-type zinc finger-containing protein 1 antibody, DBF4A antibody, DBF4A_HUMAN antibody, Dumbbell former 4, S. cerevisiae, homolog of antibody, OTTHUMP00000161661 antibody, Protein DBF4 homolog A antibody, ZDBF1 antibody, Zinc finger, DBF-type containing 1 antibody

UniProt: [Q9UBU7](#)

Pathways: [Mitotic G1-G1/S Phases](#), [DNA Replication](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

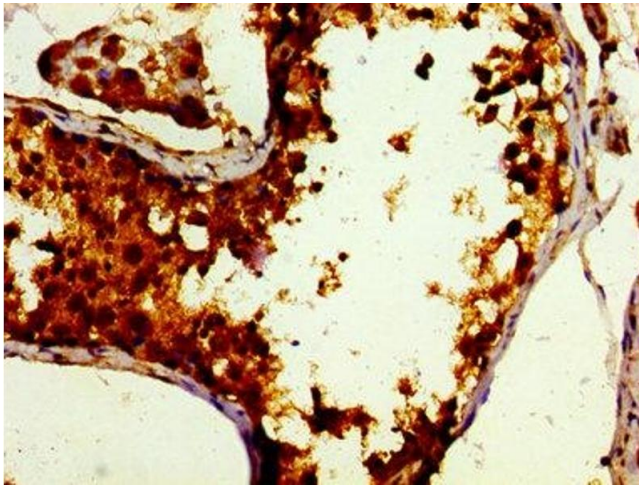
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

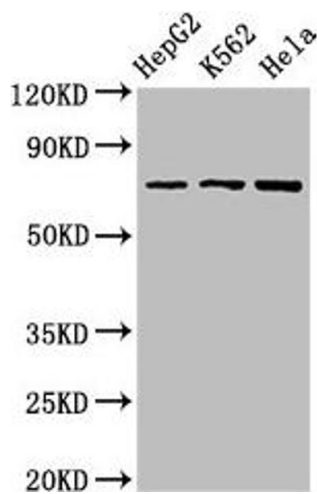
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7165242 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: HepG2 whole cell lysate, K562 whole cell lysate, HeLa whole cell lysate All lanes: DBF4 antibody at 2.7 $\mu\text{g}/\text{mL}$ Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 77, 27 kDa Observed band size: 77 kDa