

Anti-DBF4B Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 18 kDa. Actual: 18 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: 293T Cell (Human) Lysate at 30 µg
	Primary: Anti-DBF4B (TMAB-04994) at 1/300 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 18 kD
	Observed band size: 18 kD
	2. Sample: Hela Cell (Human) Lysate at 30 µg
	Primary: Anti-DBF4B (TMAB-04994) at 1/300 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 18 kD
	Observed band size: 18 kD
	3. Sample: U2os Cell (Human) Lysate at 30 µg
	Primary: Anti-DBF4B (TMAB-04994) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution	
Predicted band size: 18 kD	
Observed band size: 18 kD	
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human DBF4B/ASKL1
Antigen Species:	Human
Gene ID:	80174
Uniprot ID:	Q8NFT6

Research Background

DBF4B is a regulatory subunit for CDC7, a serine-threonine kinase which links cell cycle regulation to genome duplication. The complex CDC7-DBF4B selectively phosphorylates the MCM2 subunit at 'Ser-40' and then is involved in regulating the initiation of DNA replication during cell cycle. DBF4B localizes to the nucleus and its expression is cell cycle-regulated.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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