# 4880

# Phospho-DBC1 (Thr454) Antibody



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## For Research Use Only. Not for Use in Diagnostic Procedures.

<b>Applications:</b> W, IP, IF-IC	Reactivity: H	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 130	<b>Source/Isotype:</b> Rabbit	UniProt ID: #Q8N163	<b>Entrez-Gene Id:</b> 57805
Product Usage Information		<b>Application</b> Western Blotting Immunoprecipitation Immunofluorescence	(Immunocytochem	nistry)		<b>Dilution</b> 1:1000 1:25 1:400
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 $\mu$ g/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.				
Specificity/Sensitivity		Phospho-DBC1 (Thr454) Antibody detects endogenous levels of DBC1 only when phosphorylated on Thr454.				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic phosphopeptide corresponding to Thr454 of the human DBC1 protein. Antibodies are purified by protein A and peptide affinity chromatography.				
Background						
Background Re	-	<ol> <li>Hamaguchi, M. et al. (2002) Proc Natl Acad Sci USA 99, 13647-52.</li> <li>Trauernicht, A.M. et al. (2007) Mol Endocrinol 21, 1526-36.</li> <li>Zhao, W. et al. (2008) Nature 451, 587-90.</li> <li>Li, Z. et al. (2009) J Biol Chem 284, 10361-6.</li> <li>Sundararajan, R. et al. (2005) Oncogene 24, 4908-20.</li> <li>Stokes, M.P. et al. (2007) Proc Natl Acad Sci USA 104, 19855-60.</li> <li>Beausoleil, S.A. et al. (2004) Proc Natl Acad Sci USA 101, 12130-5.</li> </ol>				tion site

**Species Reactivity** 

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

**Western Blot Buffer** 

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at  $4^{\circ}$ C with gentle shaking, overnight.

Applications Key

W: Western Blotting IP: Immunoprecipitation IF-IC: Immunofluorescence (Immunocytochemistry)

**Cross-Reactivity Key** 

H: Human

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