

## Polyclonal Antibody to CDC25B1 - Aff - Purified

<b>Alternate names:</b>	M-Phase Inducer Phosphatase 2, EC=3.1.3.48, CDC25HU2, Dual Specificity Phosphatase Cdc25B, Cell division cycle 25 homolog B
<b>Catalog No.:</b>	15-288-21527
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Background:</b>	ApoB exists in the plasma in 2 main isoforms, ApoB100 and ApoB48. ApoB100 is synthesised in the liver, and is the major apolipoprotein of very low density, intermediate density and low density lipoproteins (LDL), and is absolutely required for their formation. ApoB100 acts as a ligand for LDL receptors in various cells throughout the body, allowing cells to internalise LDL and absorb cholesterol. ApoB48 is expressed in the intestine and is present on chylomicrons and their remnants, and lacks the Cterminal LDL-receptor binding region of ApoB100. Elevated plasma concentrations of ApoB containing lipoproteins are key risk factors for the development of atherosclerosis.
<b>Host / Isotype:</b>	Chicken
<b>Immunogen:</b>	Purified human serum LDL. Spleen cells from immunised Balb/C mice were fused with cells of the P3X63.Ag8.653 myeloma cell line.
<b>Format:</b>	<b>State:</b> Liquid purified IgG <b>Purification:</b> DEAE chromatography <b>Buffer System:</b> PBS containing 0.09% Sodium Azide
<b>Applications:</b>	ELISA. Radioimmunoassays. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody is specific for Apolipoprotein B (ApoB), a large secretory protein with a molecular weight of 550kDa that plays a central role in lipoprotein metabolism. <b>Species:</b> Human. Others not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

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