

Datasheet for ABIN685854 **anti-CDC6 antibody (Biotin)**



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CDC6
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC6 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Cdc6
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	CDC6
Alternative Name:	Cdc6 (CDC6 Products)
Background:	Synonyms: Cell Division Cycle protein 6, Cdc 18L, Cdc 6, CDC18 cell division cycle 18, S.pombe, homolog like, CDC18 S.pombe, CDC18 like, CDC18S.pombe, Cdc18L, CDC6 related protein, Cdc6p, Cell cycle controller, Cell division control protein 6, Cell division control protein 6 homolog, Cell division cycle 18, Cell division cycle 18 homolog, Cell division cycle 6 homolog,

Target Details

Cell division cycle 6 protein, HsCDC 18, HsCDC 6, HsCDC18, HsCDC6, p62, p62cdc 6, p62cdc6.

Background: Cell cycle events are regulated by the sequential activation and deactivation of cyclin depended kinase (Cdks) and by the proteolysis of cyclins. The cell division cycle (Cdc) genes are required at various points in the cell cycle. Cdc6 is the human homolog of *Saccharomyces cerevisiae* Cdc6, which is involved in the initiation of DNA replication. Cdc6 is essential for assembling the pre-replicative complex that forms at origins of DNA replication in the G1 phase of the cell cycle in budding yeast (*S. cerevisiae*). Cdc6 is also involved in checkpoint controls that ensure that DNA replication is completed before initiation of mitosis.

Gene ID: 990

Pathways: [DNA Replication, Synthesis of DNA](#)

Application Details

Application Notes: WB(1:100-1000), IHC-P(1:100-500)

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months