

Datasheet for ABIN926907

anti-CDC25A antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	CDC25A
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Chicken, Xenopus laevis, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC25A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	CDC25 A antibody was raised in rabbit using the middle region of CDC25 as the immunogen
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Cow (Bovine), Dog (Canine), Frog, Zebrafish (Brachydanio rerio), Chicken
Purification:	Purified

Target Details

Target:	CDC25A
Alternative Name:	CDC25A
Background:	CDC25A is a member of the CDC25 family of phosphatases. CDC25A is required for progression from G1 to the S phase of the cell cycle. It activates the cyclin-dependent kinase CDC2 by removing two phosphate groups. CDC25A is specifically degraded in response to DNA

Target Details

damage, which prevents cells with chromosomal abnormalities from progressing through cell division. CDC25A is an oncogene, although its exact role in oncogenesis has not been demonstrated. Two transcript variants encoding different isoforms have been found for this gene. Synonyms: Polyclonal CDC25A antibody, Anti-CDC25A antibody, cell division cycle 25 homolog A, S. pombe antibody, CDC25A2 antibody.

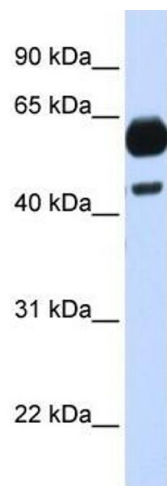
Pathways: [Cell Division Cycle](#), [Mitotic G1-G1/S Phases](#), [M Phase](#)

Application Details

Application Notes:	WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	CDC25A Blocking Peptide, , is also available for use as a blocking control in assays to test for specificity of this CDC25A antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



Western Blotting

Image 1. CDC25A antibody (70R-10483) used at 0.2-1 ug/ml to detect target protein.