

Datasheet for ABIN7449378
anti-MCM3 antibody (AA 500-550)



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Overview

Quantity:	100 µg
Target:	MCM3
Binding Specificity:	AA 500-550
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MCM3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Goat anti-MCM3 Antibody, Affinity Purified
Immunogen:	between AA 500 and 550
Isotype:	IgG
Predicted Reactivity:	Orangutan
Purification:	Affinity Purified

Target Details

Target:	MCM3
Alternative Name:	MCM3 (MCM3 Products)
Background:	Background: The MCM (Mini-Chromosome Maintenance) complex is a key component of the

Target Details

pre-replication complex involved in replication licensing which restricts DNA replication to only once per cell cycle. The MCM complex is a heterohexamer of MCM2, MCM3, MCM4, MCM5, MCM6, and MCM7. MCM3 has been shown to interact with MCM5, CDC46, and the acetyltransferase MCM3AP.

Gene ID: 4172

NCBI Accession: [NP_002379](#)

UniProt: [P25205](#)

Pathways: [DNA Damage Repair](#), [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [Chromatin Binding](#), [Synthesis of DNA](#)

Application Details

Application Notes: IHC: 1:200 - 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

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: 4 °C

Expiry Date: 12 months