

Datasheet for ABIN7453566
anti-MCM3 antibody (AA 500-550)



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Overview

Quantity:	100 µg
Target:	MCM3
Binding Specificity:	AA 500-550
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCM3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit 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)

Target Details

Background:	Background: The MCM (Mini-Chromosome Maintenance) complex is a key component of the 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: 1:1,000 to 1:5,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 2 - 10 µg/mg lysate. Use MCM2 antibody ABIN7453952 or MCM5 antibody to IP the MCM complex. WB: 1:10,000 - 1:25,000
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