

Datasheet for ABIN1532597
anti-MCM4 antibody (AA 20-69)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	MCM4
Binding Specificity:	AA 20-69
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCM4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human MCM4.
Isotype:	IgG
Specificity:	MCM4 Antibody detects endogenous levels of total MCM4 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	MCM4
Alternative Name:	MCM4 (MCM4 Products)
Background:	Synonyms: CDC21 homolog, DNA replication licensing factor MCM4, P1-CDC21

Target Details

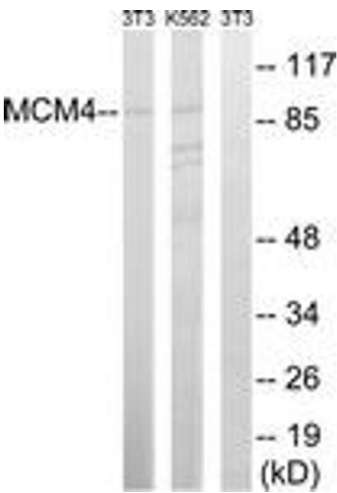
	NCBI Gene Symbol: MCM4
Molecular Weight:	96 kDa
Gene ID:	4173
OMIM:	602638
UniProt:	P33991
Pathways:	DNA Damage Repair , Mitotic G1-G1/S Phases , DNA Replication , Chromatin Binding , Synthesis of DNA

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000
Comment:	Unigene-Number: Hs.460184 (NCBI Gene Symbol: MCM4)
Restrictions:	For Research Use only

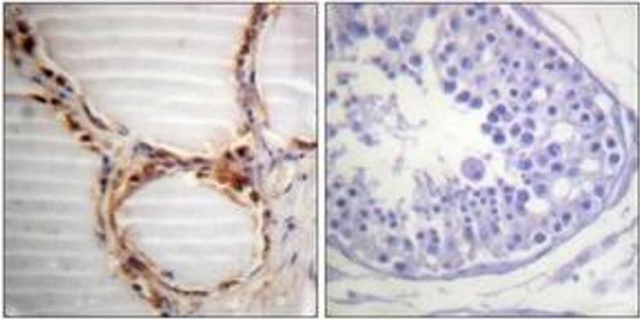
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide 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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from NIH-3T3/K562 cells, using MCM4 (Ab-54) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human testis tissue, using MCM4 (Ab-54) Antibody. The picture on the right is treated with the synthesized peptide.