

Datasheet for ABIN3031806
anti-MCM5 antibody (C-Term)

3 Images

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Overview

Quantity:	100 µg
Target:	MCM5
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCM5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	An amino acid sequence from the C-terminus of human MCM5 (EIQHRMQRKVLRLK) was used as the immunogen for this MCM5 antibody (100% homologous in human, mouse and rat).
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	MCM5
Alternative Name:	MCM5 (MCM5 Products)
Background:	Minichromosome maintenance, <i>S. cerevisiae</i> , homolog of, 5, also known as CDC46, is a protein that in humans is encoded by the MCM5 gene. The protein is structurally very similar to the CDC46 protein from <i>S. cerevisiae</i> , a protein involved in the initiation of DNA replication. And it is

Target Details

a member of the MCM family of chromatin-binding proteins and can interact with at least two other members of this family. The MCM5 gene contains 16 exons and the encoded protein is upregulated in the transition from the G0 to G1/S phase of the cell cycle and may actively participate in cell cycle regulation.

UniProt:	P33992
Pathways:	DNA Damage Repair , Mitotic G1-G1/S Phases , DNA Replication , Chromatin Binding , Synthesis of DNA

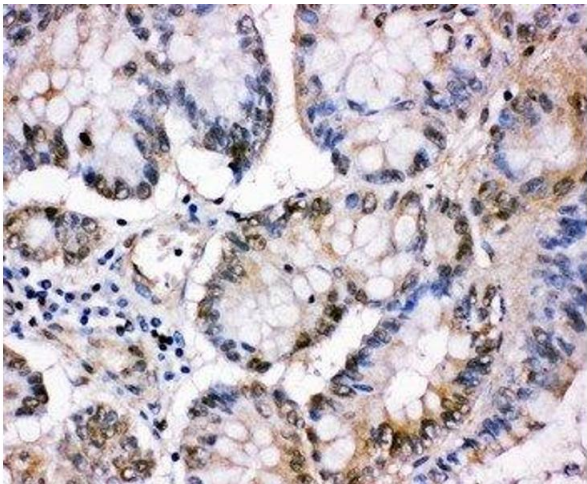
Application Details

Application Notes:	The stated application concentrations are suggested starting amounts. Titration of the MCM5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL
Restrictions:	For Research Use only

Handling

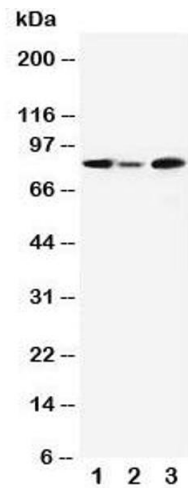
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the MCM5 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



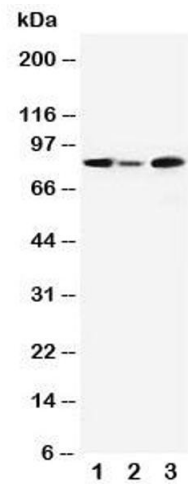
Immunohistochemistry

Image 1. IHC-P: MCM5 antibody testing of human intestinal cancer tissue



Western Blotting

Image 2. Western blot testing of MCM5 antibody and Lane 1: rat testis; 2: rat brain; 3: Jurkat cell lysate. Observed size: 80~90KD



Western Blotting

Image 3. Western blot testing of MCM5 antibody and Lane 1: rat testis