

Rabbit MCM4 Polyclonal Antibody | anti-MCM4 antibody

MCM4 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA170730	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

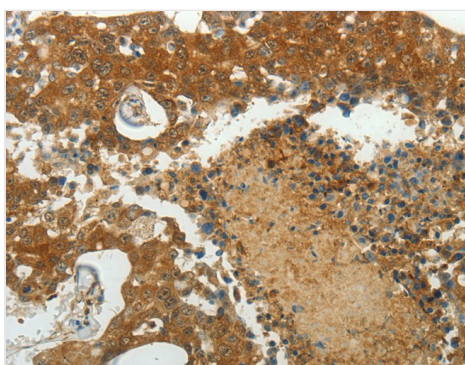
PRODUCT SYNONYMS

MCM4; Polyclonal Antibody; MCM4 Polyclonal Antibody; CDC21; CDC54; hCdc21; P1-CDC21; anti-MCM4 antibody

PRODUCT SPECIFICATIONS

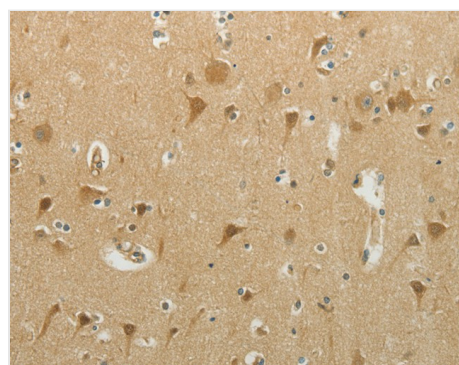
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.4mg/mL (varies by lot)
Sequence Length	712
Applicable Applications for anti-MCM4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human MCM4
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



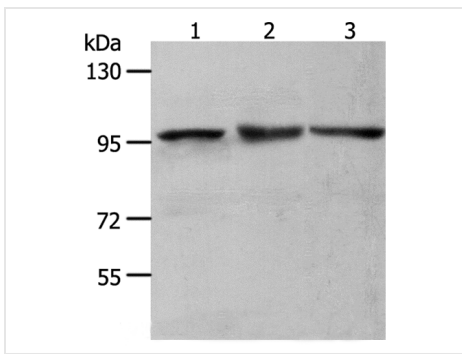
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer using MCM4 Polyclonal Antibody at dilution of 1:40



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain using MCM4 Polyclonal Antibody at dilution of 1:40



WB (Western Blot)

Western Blot analysis of NIH/3T3, HeLa and K562 cell using MCM4 Polyclonal Antibody at dilution of 1:700

ADDITIONAL INFORMATION

Related Product Information for anti-MCM4 antibody

The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are essential for the initiation of eukaryotic genome replication. The hexameric protein complex formed by MCM proteins is a key component of the pre-replication complex (pre_RC) and may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. The MCM complex consisting of this protein and MCM2, 6 and 7 proteins possesses DNA helicase activity, and may act as a DNA unwinding enzyme. The phosphorylation of this protein by CDC2 kinase reduces the DNA helicase activity and chromatin binding of the MCM complex. This gene is mapped to a region on the chromosome 8 head-to-head next to the PRKDC/DNA-PK, a DNA-activated protein kinase involved in the repair of DNA double-strand breaks. Alternatively spliced transcript variants encoding the same protein have been reported.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2754697
NCBI GeneID	4173
Molecular Weight	96,558 Da
NCBI Official Full Name	MCM4, partial
NCBI Official Synonym Full Names	minichromosome maintenance complex component 4
NCBI Official Symbol	MCM4
NCBI Official Synonym Symbols	NKCD; CDC21; CDC54; NKGCD; hCdc21; P1-CDC21
NCBI Protein Information	DNA replication licensing factor MCM4; CDC21 homolog; homolog of S. pombe cell division cycle 21; minichromosome maintenance deficient 4
UniProt Protein Name	DNA replication licensing factor MCM4
UniProt Gene Name	MCM4
UniProt Synonym Gene Names	CDC21
UniProt Entry Name	MCM4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mcm4-antibody-immunohistochemistry-western-blot-elisa/170730>