

MCM7 Antibody



PACO43249

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, IHC:1:20-1:200

Protein Background:

Acts as component of the MCM2-7 complex (MCM complex) which is the putative replicative helicase essential for 'once per cell cycle' DNA replication initiation and elongation in eukaryotic cells. The active ATPase sites in the MCM2-7 ring are formed through the interaction surfaces of two neighboring subunits such that a critical structure of a conserved arginine finger motif is provided in trans relative to the ATP-binding site of the Walker A box of the adjacent subunit. The six ATPase active sites, however, are likely to contribute differentially to the complex helicase activity. Required for S-phase checkpoint activation upon UV-induced damage.

Gene ID:

MCM7

Uniprot

P33993

Synonyms:

DNA replication licensing factor MCM7 (EC 3.6.4.12) (CDC47 homolog) (P1.1-MCM3), MCM7, CDC47 MCM2

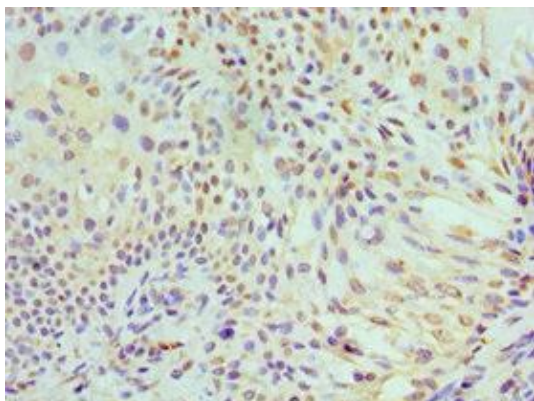
Immunogen:

Recombinant Human DNA replication licensing factor MCM7 protein (360-719AA).

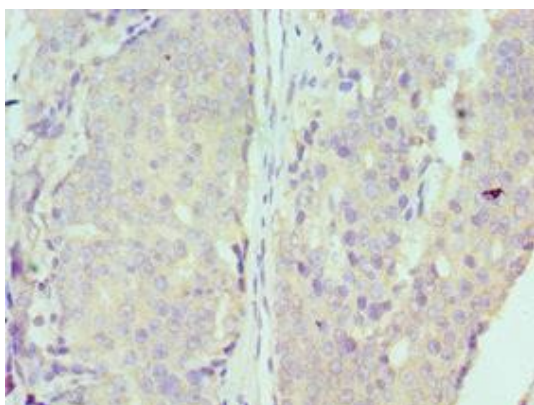
Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Immunohistochemistry of paraffin-embedded human breast cancer using PACO43249 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human colon cancer using PACO43249 at dilution of 1:100.