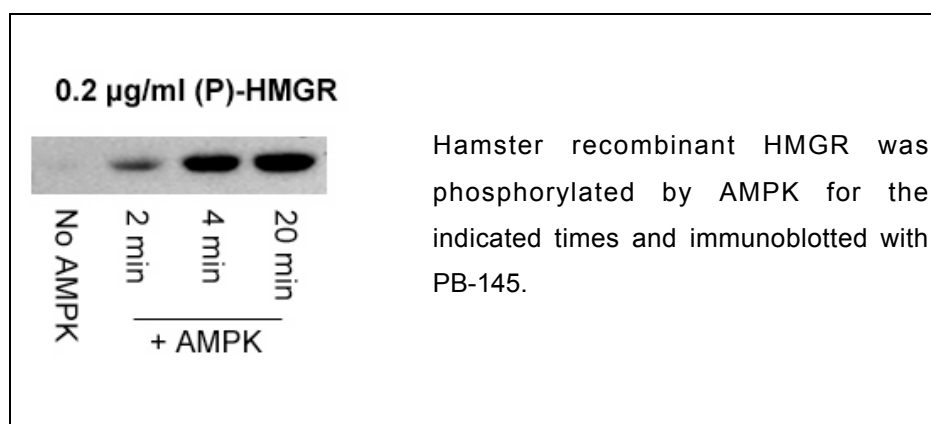


Anti HMG CoA reductase pSer871**Order No. PB-145****Anti hydroxymethylglutaryl-CoA reductase pSer871****Antibody concentration: 0.9 mg/ml****Lot No 2****Amount per vial: 100µg****Store at -20°C****Product description:**

Polyclonal, affinity purified antibody raised in sheep against the peptide CHMVHNRpSKINLQD resembling C plus aminoacids 865-877 of rat HMG reductase (P51639), phosphorylated at Ser871. Recognizes hamster, other species not tested. The epitope is 100% conserved in rat and mouse. The human sequence HMIHNRSKINLQD is very similar.

Applications: Western blotting, other not tested. The antibody was only tested against recombinant hamster HMGR.

Application advise

Western blocking buffer: 5% dry milk, 50mM Tris pH 7.5, 150mM NaCl, 0.1% Tween.

1st Ab buffer: 1.0µg/ml antibody in western blocking buffer 1h at RT or for o/n at 4°C incubation. Wash buffer: 50mM Tris pH 7.5, 150mM NaCl, 0.1% Tween.

2nd Ab buffer: HRP coupled anti sheep Pierce 31480 (1:10000) in western blocking buffer.

Background information

Clarke and Hardie identified Ser871 of HMG CoA reductase as a substrate of AMP-activated kinase (Clarke and Hardie (1990) EMBO J. 9: 2439-2446. The residue is highly conserved in rodents and man.

For in vitro use only.

For research use only.

Not for clinical use or consumption.

Not for diagnostic use.

Do not inject in humans or animals.