

Antibody: H3K36me3
Vendor: Abcam
Part number: ab9050
Lot number: 761748
Broad Alias: PchAb 80-V

Test Date: June 2009
User: supplied by vendor

Procedure:

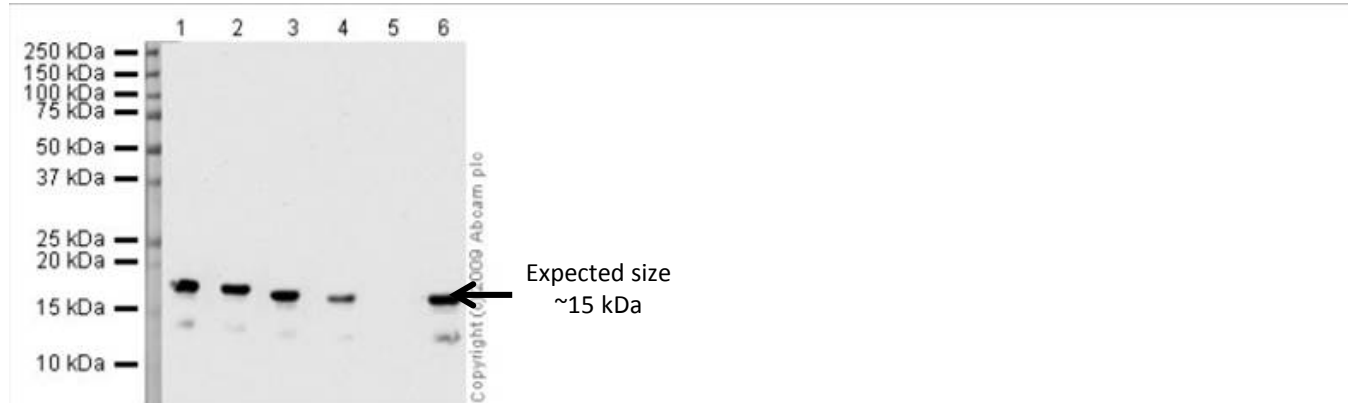
Calf Thymus Histone Preparation Nuclear Lysate was fractionated using an SDS/PAGE gel and transferred for immunoblotting. The immunoblot was cut into strips and exposed to the test antibody in the presence of the indicated synthetic peptides. Lane 1 simply illustrates the migration of the protein recognized by the antibody, and demonstrates that said protein has an apparent molecular weight consistent with the antibody recognizing a form of Histone H3. This serves as a **primary validation** of the antibody.

In addition, lanes 2 – 6 were prepared by hybridizing the immunoblot in the presence of a competing synthetic peptide. Only the peptide used in Lane 5 (H3K36me3) demonstrated inhibition of binding, consistent with the intended specificity of this antibody.

Primary ab concentration: 1 ug / ml

Secondary antibody: Goat anti rabbit ab65484 at 1:3000

Abcam 9050 lot 761748 (AP562035), Passed June 2009.



All lanes : Anti-Histone H3 (tri methyl K36) antibody - ChIP Grade (ab9050) at 1 µg/ml

Lane 1 : Calf Thymus Histone Preparation Nuclear Lysate (ab121)

Lane 2 : Calf Thymus Histone Preparation Nuclear Lysate (ab121) with Histone H3 peptide (ab41430) at 0.5 µg/ml

Lane 3 : Calf Thymus Histone Preparation Nuclear Lysate (ab121) with [Human Histone H3 \(mono methyl K36\) peptide \(ab1783\)](#) at 0.5 µg/ml

Lane 4 : Calf Thymus Histone Preparation Nuclear Lysate (ab121) with [Human Histone H3 \(di methyl K36\) peptide \(ab1784\)](#) at 0.5 µg/ml

Lane 5 : Calf Thymus Histone Preparation Nuclear Lysate (ab121) with [Human Histone H3 \(tri methyl K36\) peptide \(ab1785\)](#) at 0.5 µg/ml

Lane 6 : Calf Thymus Histone Preparation Nuclear Lysate (ab121) with Human Histone H3 (tri methyl K37) peptide (ab24417) at 0.5 µg/ml

Lysates/proteins at 0.5 µg per lane.

Secondary

Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) (ab65484) at 1/3000 dilution

Performed under reducing conditions.

Predicted band size : 15 kDa