Phospho-Ku80 (Ser145) Ab

Cat.#: AF4406 Concn.: 1mg/ml Mol.Wt.: 83kDa Size: 50ul,100ul,200ul Source: Rabbit Clonality: Polyclonal

Application: WB 1:500-1:2000

Reactivity: Human

Purification: The Ab is from purified rabbit serum by affinity purification

via sequential chromatography on phospho- and non-

phospho-peptide affinity columns.

Specificity: Phospho-Ku80 (Ser145) Ab detects endogenous levels of

Ku80 only when phosphorylated at Ser145.

Immunogen: A synthesized peptide derived from human Ku80 around the

phosphorylation site of Ser145.

Uniprot: P13010

Subcellular Location: Nucleus, Chromosome.

Tissue Specificity: Expression increases during promyelocyte differentiation.

Similarity: The EEXXXDDL motif is required for the interaction with

catalytic subunit PRKDC and its recruitment to sites of DNA

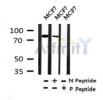
damage.Belongs to the ku80 family.

Storage Condition and

Buffer:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20

°C.Stable for 12 months from date of receipt.



Western blot analysis of Phospho-Ku80 (Ser145) in lysates of

MCF7 , using Phospho-Ku80 (Ser145) Ab(AF4406).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab
in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking,
overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.