

AC005

Leader in Biomolecular Solutions for Life Science



Rabbit Control IgG

Catalog No.: AC005 **166 Publications**

Basic Information

Observed MW

Calculated MW

Category

SMab Recombinant Monoclonal Antibody

Applications

IP,ChIP

Cross-Reactivity

Background

The protein encoded by this gene is a transcriptional regulator and tumor suppressor, serving as an activator of genes involved in both innate and acquired immune responses. The encoded protein activates the transcription of genes involved in the body's response to viruses and bacteria, playing a role in cell proliferation, apoptosis, the immune response, and DNA damage response. This protein represses the transcription of several other genes. As a tumor suppressor, it both suppresses tumor cell growth and stimulates an immune response against tumor cells. Defects in this gene have been associated with gastric cancer, myelogenous leukemia, and lung cancer.

Recommended Dilutions

IP 0.5ug-4ug antibody for
200ug-400ug extracts of
whole cellsChIP

Immunogen Information

Gene ID **Swiss Prot**

Immunogen

None

Synonyms

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

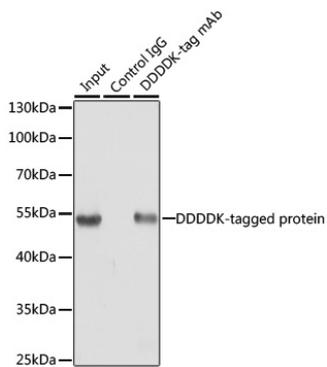
Potein A/G purification

Storage

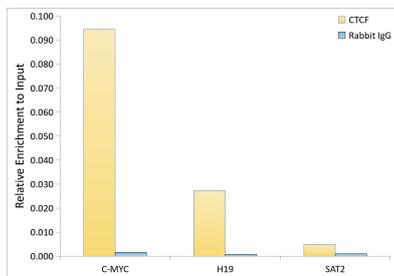
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data



Immunoprecipitation of over-expressed DDDDK-tagged protein in 293T cells incubated using DDDDK-tag antibody (AE063). Secondary antibody: HRP-conjugated AffiniPure Mouse Anti-Rabbit IgG Light Chain (AS061). A mock served as negative control using rabbit Control IgG [AC005] and over-expressed 293T cell lysate served as positive control.



Chromatin immunoprecipitation was performed with 15 µg of cross-linked chromatin from HeLa, using 5 µg of Rabbit Control IgG (AC005) and CTCF Rabbit pAb (A1133). The enrichment of immunoprecipitated DNA at different genomic loci was examined by quantitative PCR. The histogram compares the ratio of the immunoprecipitated DNA to the input at given loci.