AC005
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Rabbit Control IgG

Catalog No.: AC005 236 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 cells
ChIP	5μg antibody for 10μg-15μg of Chromatin

Immunogen Information

Gene ID

Swiss Prot

Immunogen
This information is considered to be commercially sensitive.

Synonyms

Contact

www.abclonal.com

Product Information

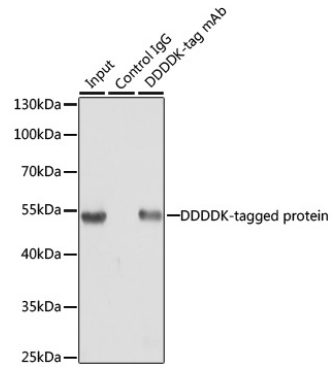
Source
Rabbit

Isotype
IgG

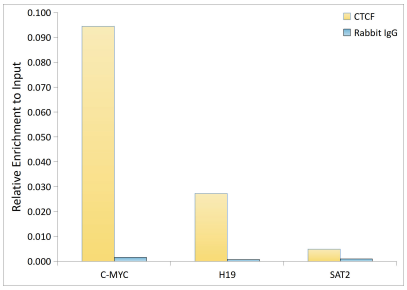
Purification
Potein A/G purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,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 cells, 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.