

Rabbit Control IgG

Catalog No.: AC005 **202 Publications**

Basic Information

Observed MW

Calculated MW

Category

Loading control 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	None
Synonyms	

Contact

		400-999-6126
		cn.market@abclonal.com.cn
		www.abclonal.com.cn

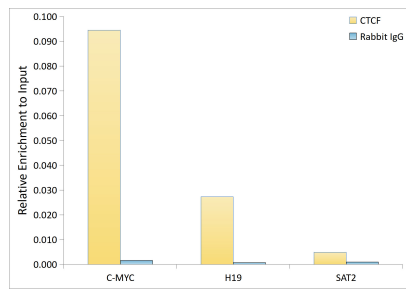
Product Information

Source	Isotype	Purification
Rabbit	IgG	Potein A/G purification

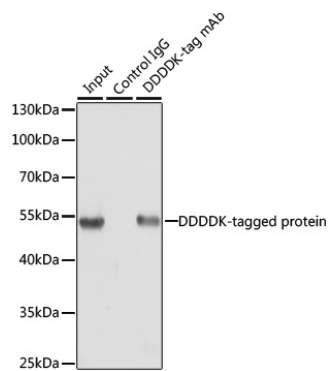
Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

Validation Data



Chromatin immunoprecipitation was performed with 15 μ g of cross-linked chromatin from HeLa cells, using 5 μ g 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.



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.