

Datasheet for ABIN7126744 **anti-NFIA antibody**



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Overview

Quantity:	100 µg
Target:	NFIA
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NFIA antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Flow Cytometry (FACS), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant fragment of human NFIA protein corresponding to protein domain
Isotype:	IgG2
Specificity:	NF-1, also designated CTF, consists of a family of CCAAT-box-binding proteins that stimulate DNA replication and activate transcription. Analysis of human NF-1 messenger RNA has revealed two forms of the NF-1 protein arising from an alternate splicing of a single NF-1 gene. NF-1 binds its consensus DNA element as a homodimer via an amino-terminal DNA-binding domain, and activates transcription through a putatively novel, proline-rich, carboxy-terminal transactivation domain. The NF-1 protein has been shown to recognize and bind the adenovirus type 2 promoter and activate transcription of herpes simplex virus thymidine kinase genes. The NF-1 consensus element has been found in the upstream promoter region of myriad eukaryotic genes, including that of Ha-Ras, β -globin, HSP 70, GRP 78, Histone H1, myelin basic protein and in the <i>Xenopus laevis</i> vitellogenin gene promoter.

Product Details

Cross-Reactivity (Details): Human, Mouse and Rat.

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target: NFIA

Alternative Name: NFIA ([NFIA Products](#))

Background: CCAAT-box-binding transcription factor, CTF, NF I/A, NF-I/A, NF1-A, NFI A, NFI L, NFIA, Nuclear factor 1 A type, Nuclear factor 1 A-type, TGGCA binding protein,NFIA / NF1A (Nuclear Factor 1A) (Transcription Factor)
Cellular localisation: Nucleus.

Molecular Weight: 55kDa

Gene ID: 4774, 322431

UniProt: [Q15784](#)

Application Details

Application Notes: Known_Application: Immunoprecipitation (1-2 µg per 100-500 µg of total protein (1 mL of cell lysate)), Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (1-2 µg/mL),Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.

Positive_Control: HeLa cells. Human fetal gut, colon, liver or heart.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C,-80 °C

Storage Comment: Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Handling

Expiry Date: 24 months