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NFIA Rabbit pAb

Catalog # AP98112

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q12857
Other Accession	Q12857
Reactivity	Rat
Predicted	Pig, Human, Mouse, Chicken, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55944
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NFIA/NF-1
Epitope Specificity	41-140/509
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the CTF/NF-I family. Contains 1 CTF/NF-I DNA-binding domain.
SUBUNIT	Binds DNA as a homodimer.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the NF1 (nuclear factor 1) family of transcription factors. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

Additional Information

Gene ID	4774
Other Names	BRMUTD; C1DELp32p31; CTF; DEL1P32P31; NF-I/A; NF1-A; NFI-A; NFI-L; 1110047K16Rik; 9430022M17Rik; NF1A; NFIA_HUMAN; NFIA; Nuclear factor 1/A; CCAAT-box-binding transcription factor (CTF); Nuclear factor I/A (NF-I/A | NFI-A); TGGCA-binding protein; KIAA1439; NFIA_MOUSE; NFIA_RAT; Nf1l21; nuclear factor I A; nuclear factor I/A
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	NFIA
Synonyms	KIAA1439
Function	Recognizes and binds the palindromic sequence 5'- TTGGCNNNNNGCCAA-3' present in viral and cellular promoters and in the origin of replication of adenovirus type 2. These proteins are individually capable of activating transcription and replication.
Cellular Location	Nucleus.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.