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Anti-NFIA Picoband Antibody

Catalog # ABO11698

Product Information

Application	WB, IHC-P
Primary Accession	Q12857
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Nuclear factor 1 A-type(NFIA) detection. Tested with WB, IHC-P in Human;Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	4774
Other Names	Nuclear factor 1 A-type, NF1-A, Nuclear factor 1/A, CCAAT-box-binding transcription factor, CTF, Nuclear factor I/A, NF-I/A, NFI-A, TGGCA-binding protein, NFIA, KIAA1439
Calculated MW	55944
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 □g/ml, Human, Mouse, Rat, By Heat Western blot, 0.1-0.5 □g/ml, Human
Subcellular Localization	Nucleus.
Source	Eukaryota
Protein Name	Nuclear factor 1 A-type
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human NFIA (180-224aa AYFVHAADSSQSESPSQPSDADIKDQPENGHLGFQDSFVTSG VFS), different from the related mouse sequence by one amino acid, and identical to the related rat sequence.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins

Storage	At -20˚C for one year. After r˚Constitution, at 4˚C for one month. It˚Can also be aliquotted and stored frozen at -20˚C for a longer time.Avoid repeated freezing and thawing.

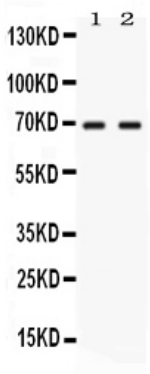
Protein Information

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.

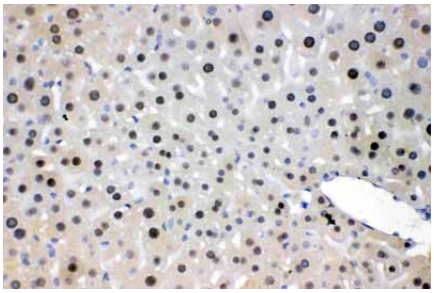
Background

Nuclear factor 1 A-type is a protein that in humans is encoded by the NFIA gene. Nuclear factor I (NFI) proteins constitute a family of dimericDNA-binding proteins with similar, and possibly identical, DNA-binding specificity. They function as cellular transcription factors and as replication factors for adenovirus DNA replication. Diversity in this protein family is generated by multiple genes, differential splicing, and heterodimerization.

Images

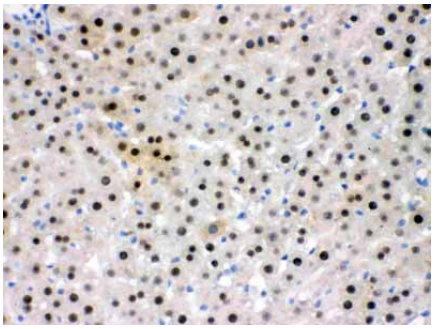


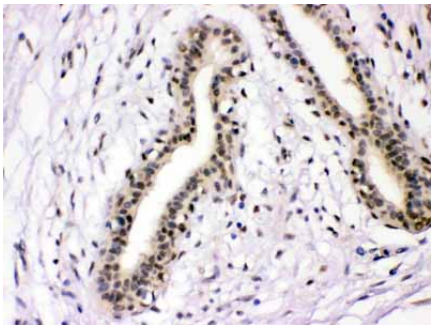
Western blot analysis of NFIA expression in JURKAT whole cell lysates (lane 1) and COLO320 whole cell lysates (lane 2). NFIA at 69KD was detected using rabbit anti- NFIA Antigen Affinity purified polyclonal antibody (Catalog # ABO11698) at 0.5 □¼g/mL. The blot was developed using chemiluminescence (ECL) method .



NFIA was detected in paraffin-embedded sections of mouse liver tissues using rabbit anti- NFIA Antigen Affinity purified polyclonal antibody (Catalog # ABO11698) at 1 ??g/mL. The immunohistochemical section was developed using SABC method .

NFIA was detected in paraffin-embedded sections of rat liver tissues using rabbit anti- NFIA Antigen Affinity purified polyclonal antibody (Catalog # ABO11698) at 1 □¼g/mL. The immunohistochemical section was developed using SABC method .





NFIA was detected in paraffin-embedded sections of human mammary cancer tissues using rabbit anti- NFIA Antigen Affinity purified polyclonal antibody (Catalog # ABO11698) at 1 □¼g/mL. The immunohistochemical section was developed using SABC method .