

Anti-NFIA Picoband Antibody
Catalog # ABO11698**Specification**

Anti-NFIA Picoband Antibody - 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.

Anti-NFIA Picoband Antibody - 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 MW KDa

Application Details

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, Mouse, Rat, By Heat
Western blot, 0.1-0.5 µg/ml, Human

Subcellular Localization

Nucleus.

Protein Name

Nuclear factor 1 A-type

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Na₃.

Immunogen

A synthetic peptide corresponding to a sequence in the middle region of human NFIA (180-224aa AYFVHAADSSQSESPSQSDADIKDQPENGHLGFQDSFVTSG 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 reconstitution, 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.

Anti-NFIA Picoband Antibody - 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.

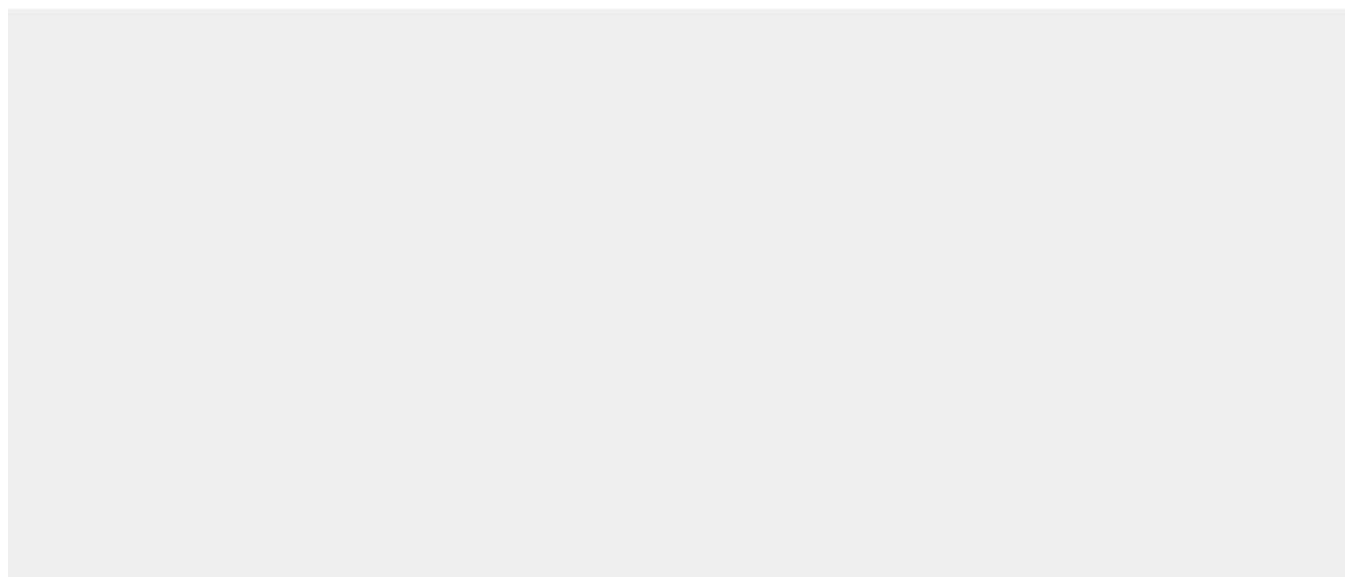
Cellular Location

Nucleus.

Anti-NFIA Picoband Antibody - Protocols

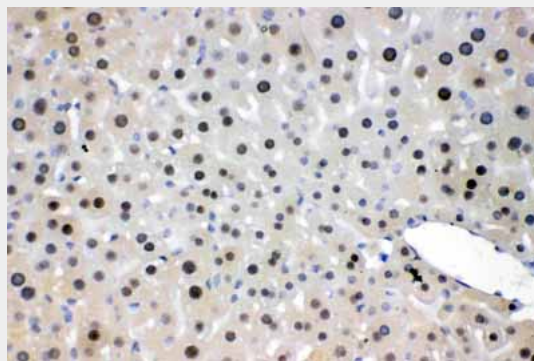
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

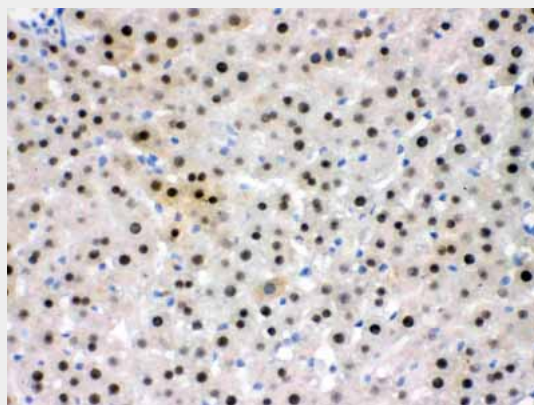
Anti-NFIA Picoband Antibody - Images



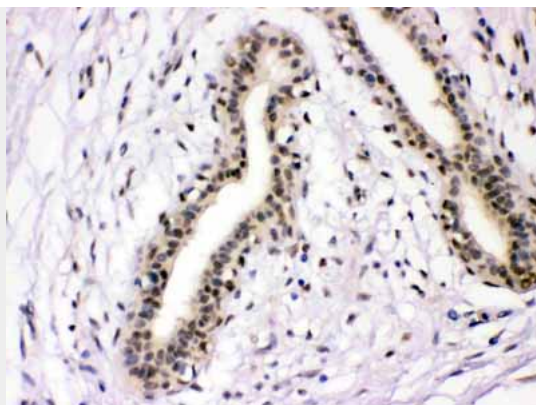
Western blot analysis of NFIA expression in JURKAT whole cell lysates (lane 1) and COLO320 whole cell lysates (lane 2). NFIA at 69KD was detected using rabbit anti- NFIA Antigen Affinity purified polyclonal antibody (Catalog # ABO11698) at 0.5 μ g/mL. The blot was developed using chemiluminescence (ECL)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

Anti-NFIA Picoband Antibody - 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 dimeric DNA-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.