10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-NFIA Picoband Antibody

Catalog # ABO11698

Specification

Anti-NFIA Picoband Antibody - Product Information

Application	**WB, IHC**
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 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.**

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 Cytomety
- Cell Culture

Anti-NFIA Picoband Antibody - Images

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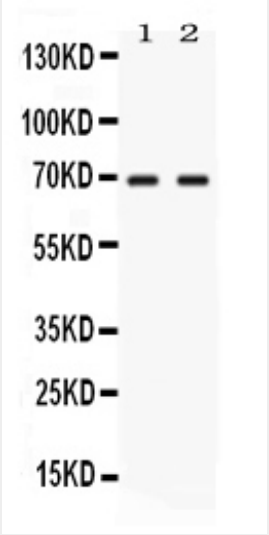
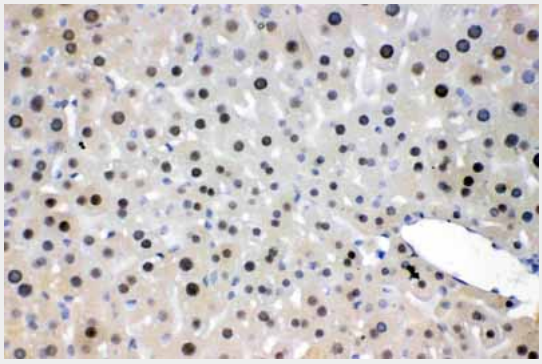
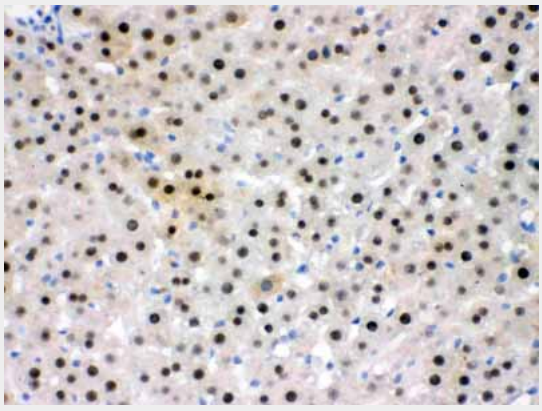


Western blot analysis of NFIA expression in JURKAT whole cell lysates (lane 1) and COLO320 whole cell lysates (lane 2). NFIA at 69KD was detected using rabbit anti- NFIA Antigen Affinity purified polyclonal antibody (Catalog # ABO11698) at 0.5 Î¼g/mL. The blot was developed using chemiluminescence (ECL) 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 Î¼g/mL. The immunohistochemical section was developed using SABC method .

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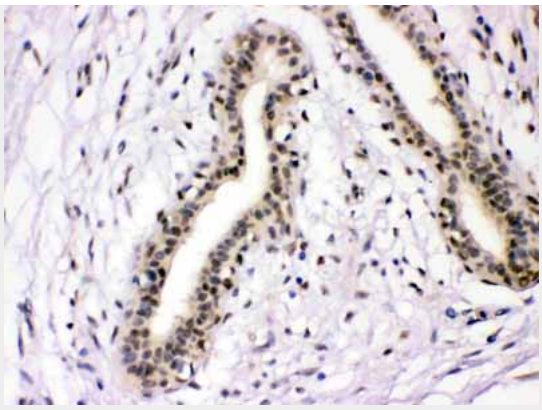

NFIA was detected in paraffin-embedded sections of human mammary cancer tissues using rabbit anti- NFIA Antigen Affinity purified polyclonal antibody (Catalog # ABO11698) at 1 Î¼g/mL. The immunohistochemical section was developed using SABC method .

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 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.