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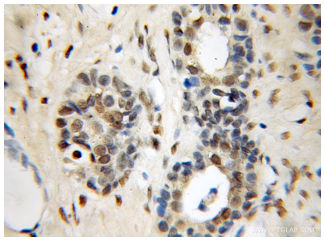
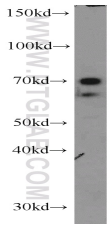
NFIA Polyclonal Antibody

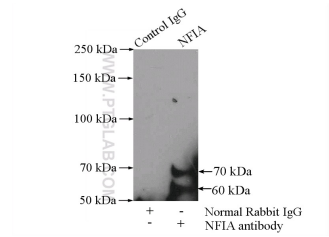
Catalog number: 11750-1-AP
Size: 55 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
NFIA; CTF, DKFZp434L0422, DKFZp686J23256, FLJ39164, KIAA1439, NF I/A, NF1 A, NFI A, NFI L, NFIA, Nuclear factor 1 A type, Nuclear factor 1/A, nuclear factor I/A, TGGCA binding protein



Immunohistochemical of paraffin-embedded human prostate cancer using 11750-1-AP(NFIA antibody) at dilution of 1:25 (under 10x lens)



A431 cells were subjected to SDS PAGE followed by western blot with 11750-1-AP(NFIA antibody) at dilution of 1:1000



IP Result of anti-NFIA (IP:11750-1-AP, 4ug; Detection:11750-1-AP 1:500) with A431 cells lysate 2000ug.

Background

The NFI (nuclear factor I) family consists of four members in vertebrates (NFI-A, NFI-B, NFI-C and NFI-X), and the four NFI genes are expressed in unique patterns during mouse embryogenesis and in the adult. Four isoforms of NFIA were found in human and they play various roles in DNA replication, DNA-dependent transcritpion via their DNA binding property. Multiple residues of NFIA can be phosphorylated resulting in mild shifts of its practical molecular weight. Recent finding also revealed its neuroprotective function in NMDA-induced neuronal damage. Catalog# 11750-1-AP is a rabbit polyclonal antibody raised against N-terminal of human original NFIA.

Applications

Tested applications:	ELISA, WB, IHC, IP
Species specificity:	Human,Mouse,Rat; other species not tested.
Caculated NFIA MW:	498aa,55 kDa
Observed NFIA MW:	60-70kd
Positive WB detected in	A431 cells, HeLa cells, Jurkat cells, L02 cells, mouse liver tissue
Positive IP detected in	A431 cells
Positive IHC detected in	Human prostate cancer tissue
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:2000 IHC: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2346
GenBank accession number:	BC022264
Gene ID (NCBI):	4774
Full name:	Nuclear factor I/A

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.