

NF-1 Polyclonal Antibody

Catalog No :	YT3078
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	NF-1
Gene Name :	NFIA
Protein Name :	Nuclear factor 1 A-type
Human Gene Id :	4774/4781/4782/4784
Human Swiss Prot No :	Q12857/O00712/P08651/Q14938
Mouse Gene Id :	18027/18028/18029/18032
Rat Gene Id :	25492
Rat Swiss Prot No :	P09414
Immunogen :	The antiserum was produced against synthesized peptide derived from human Nuclear Factor 1. AA range:11-60
Specificity :	NF-1 Polyclonal Antibody detects endogenous levels of NF-1 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 55kD

Background : 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],

Function : 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.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the CTF/NF-I family.,similarity:Contains 1 CTF/NF-I DNA-binding domain.,subunit:Binds DNA as a homodimer.,

Subcellular Location : Nucleus.

Expression : Brain,Epithelium,Skeletal muscle,Testis,

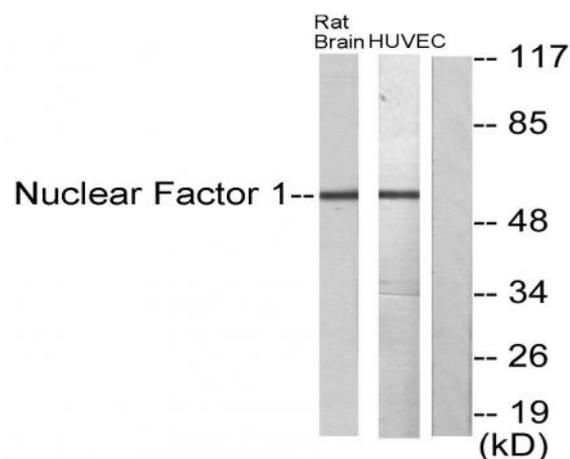
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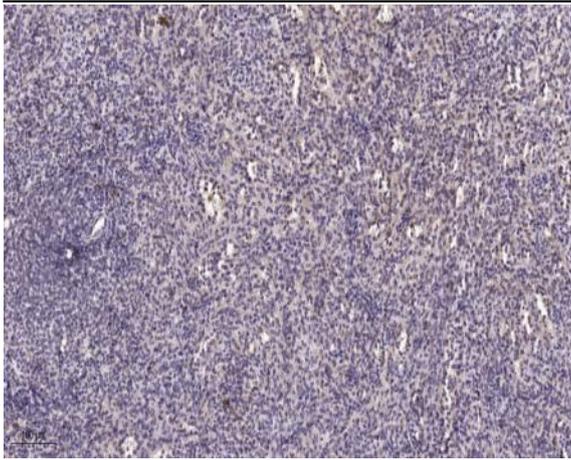
Host : Rabbit

Modifications : Unmodified

Products Images



Western blot analysis of lysates from rat brain and HUVEC cells, using Nuclear Factor 1 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human spleen. 1, Tris-EDTA, pH 9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200 (4° overnight). 3, Secondary antibody was diluted at 1:200 (room temperature, 45 min).