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Datasheet for ABIN6259610

anti-Nuclear Factor 1 antibody

3 Images

Overview

Quantity:	100 µL
Target:	Nuclear Factor 1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nuclear Factor 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide
Isotype:	IgG
Specificity:	Nuclear Factor 1 Antibody detects endogenous levels of total Nuclear Factor 1
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	Nuclear Factor 1
Abstract:	Nuclear Factor 1 Products
Background:	Description: Recognizes and binds the palindromic sequence 5'-TTGGCNNNNNGCCAA-3'

Target Details

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.
Gene: NFIA

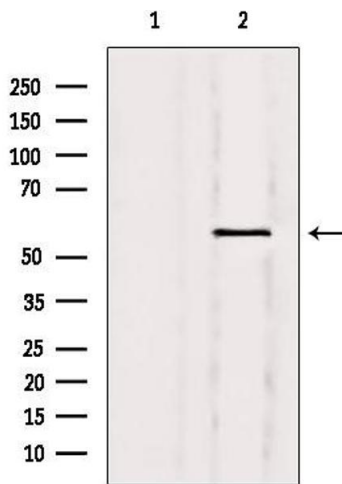
Molecular Weight:	55 kDa
Gene ID:	4774
UniProt:	Q12857 , O00712 , P08651 , Q14938

Application Details

Application Notes:	WB 1:500~1:1000, IF/ICC 1:100-1:500
Restrictions:	For Research Use only

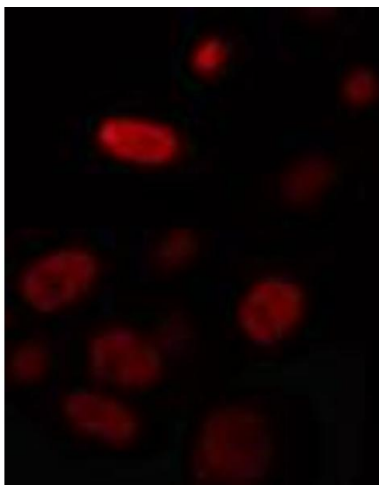
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C.Stable for 12 months from date of receipt
Expiry Date:	12 months



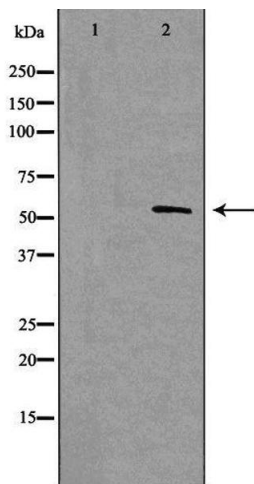
Western Blotting

Image 1. Western blot analysis of extracts from 293, using Nuclear Factor 1 Antibody. Lane 1 was treated with the blocking peptide.



Immunofluorescence (fixed cells)

Image 2. ABIN6274327 staining HuvEc cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody (Cat.# S0006), diluted at 1/600, was used as secondary antibody.



Western Blotting

Image 3. Western blot analysis of extracts from rat brain cells using Nuclear Factor 1 antibody. The lane on the left is treated with the antigen-specific peptide.