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anti-Neurofibromin 1 antibody

2 Images



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Overview

Quantity:	100 μL
Target:	Neurofibromin 1 (NF1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neurofibromin 1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human NF1
Isotype:	IgG
Specificity:	NF1 Antibody detects endogenous levels of total NF1
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

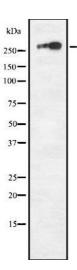
Target:	Neurofibromin 1 (NF1)
Alternative Name:	NF1 (NF1 Products)
Background:	Description: Stimulates the GTPase activity of Ras. NF1 shows greater affinity for Ras GAP, but

Target Details

Expiry Date:

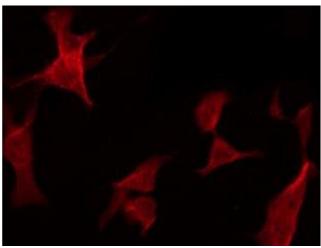
12 months

Target Details	
	lower specific activity. May be a regulator of Ras activity. Gene: NF1
Molecular Weight:	319 kDa
Gene ID:	4763
UniProt:	P21359
Pathways:	cAMP Metabolic Process, Regulation of long-term Neuronal Synaptic Plasticity
Application Details	
Application Notes:	WB 1:1000-3000, 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



Western Blotting

Image 1. Western blot analysis NF1 using COS7 whole cell lysates



Immunofluorescence (fixed cells)

Image 2. ABIN6278595 staining HepG2 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¡ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibod