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# anti-Neurofibromin 1 antibody

2 Images



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#### Overview

Quantity:	200 μL
Target:	Neurofibromin 1 (NF1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neurofibromin 1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## **Product Details**

Immunogen:	Synthetic peptide of human NF1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

# Target Details

Target:	Neurofibromin 1 (NF1)
Alternative Name:	NF1 (NF1 Products)
Background:	This gene product appears to function as a negative regulator of the ras signal transduction pathway. Mutations in this gene have been linked to neurofibromatosis type 1, juvenile
	myelomonocytic leukemia and Watson syndrome. The mRNA for this gene is subject to RNA editing (CGA>UGA->Arg1306Term) resulting in premature translation termination. Alternatively

## **Target Details**

spliced transcript variants encoding different isoforms have also been described for this
gene.NF1 (Neurofibromin 1) is a Protein Coding gene. Diseases associated with NF1 include
Neurofibromatosis-Noonan Syndrome and Neurofibromatosis, Type 1. Among its related
pathways are Development VEGF signaling via VEGFR2 - generic cascades and RET signaling.
GO annotations related to this gene include binding and phosphatidylcholine binding.

UniProt: P21359

Pathways: cAMP Metabolic Process, Regulation of long-term Neuronal Synaptic Plasticity

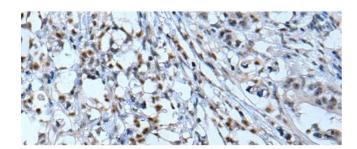
# **Application Details**

Application Notes: IHC 1:40-1:250, ELISA 1:500-1000

Restrictions: For Research Use only

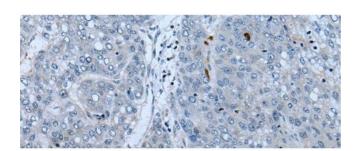
## Handling

Format:	Liquid
Concentration:	1.7 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
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. Avoid freeze / thaw cycles.



## **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using NF1 Polyclonal Antibody at dilution of 1:65(x200)



## **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 2.** Immunohistochemistry of paraffin-embedded Human liver cancer tissue using NF1 Polyclonal Antibody at dilution of 1:65(x200)