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Datasheet for ABIN710786  
**anti-Neurofibromin 1 antibody (pSer2817)**

### Overview

Quantity:	100 µL
Target:	Neurofibromin 1 (NF1)
Binding Specificity:	pSer2817
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neurofibromin 1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human NF1 around the phosphorylation site of Ser2817
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Pig,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	Neurofibromin 1 (NF1)
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## Target Details

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Alternative Name: [NF1 \(NF1 Products\)](#)

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Background: Synonyms: NF1phospho S2741, DKFZp686J1293, FLJ21220, Neurofibromatosis Noonan syndrome, Neurofibromatosis related protein NF 1, Neurofibromatosis related protein NF1, neurofibromatosis type I, Neurofibromatosis-related protein NF-1, Neurofibromin 1, Neurofibromin truncated, Neurofibromin1, NF 1, NF, NF1, NF1\_HUMAN, NFNS, Type 1 Neurofibromatosis, von Recklinghausen disease neurofibromin, von Recklinghausen disease related protein VRNF, VRNF, WATS, Watson disease related protein WSS, Watson syndrome, WSS.

Background: Neurofibromin is a product of the tumor suppressor gene, Neurofibromatosis type I. Neurofibromin is known to have GTPase activity that modulates the ras pathway. The absence of or alteration of the neurofibromin protein may lead to Neurofibromatosis disease. This protein has not been purified, therefore, most of the information regarding this protein has been deduced from homology analysis of its gene sequence.

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Gene ID: 4763

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Pathways: [cAMP Metabolic Process](#), [Regulation of long-term Neuronal Synaptic Plasticity](#)

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## Application Details

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Application Notes: ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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## Handling

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Storage: 4 °C,-20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months