

Datasheet for ABIN710773

## anti-Neurofibromin 1 antibody (pSer2515) (Biotin)



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### Overview

Quantity:	100 µL
Target:	Neurofibromin 1 (NF1)
Binding Specificity:	pSer2515
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neurofibromin 1 antibody is conjugated to Biotin
Application:	ELISA, 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 Ser2515
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Horse,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 ( <a href="#">NF1 Products</a> )
Background:	<p>Synonyms: NF1phospho S2515, p-NF1S2515, 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.</p> <p>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.</p>
Gene ID:	4763
Pathways:	<a href="#">cAMP Metabolic Process</a> , <a href="#">Regulation of long-term Neuronal Synaptic Plasticity</a>

## Application Details

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Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.

## Handling

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Expiry Date: 12 months