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Datasheet for ABIN754423

## anti-Neurofibromin 1 antibody (AA 2701-2839)

### Overview

Quantity:	100 µL
Target:	Neurofibromin 1 (NF1)
Binding Specificity:	AA 2701-2839
Reactivity:	Human, Mouse
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 peptide derived from human Neurofibromin 1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,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 \(NF1 Products\)](#)

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Background: Synonyms: Neurofibromin 1, 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: 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 spliced transcript variants encoding different isoforms have also been described for this gene. [provided by RefSeq, Jul 2008].

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Gene ID: 4763

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UniProt: [P21359](#)

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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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## Handling

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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months