

# NF1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51387

## Product Information

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<b>Application</b>	WB, ICC, IHC-P
<b>Primary Accession</b>	<a href="#">P21359</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	319372

## Additional Information

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<b>Gene ID</b>	4763
<b>Other Names</b>	Neurofibromin, Neurofibromatosis-related protein NF-1, Neurofibromin truncated, NF1
<b>Target/Specificity</b>	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NF1. The exact sequence is proprietary.
<b>Dilution</b>	WB~~1:1000 ICC~~N/A IHC-P~~N/A
<b>Format</b>	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	NF1
<b>Function</b>	Stimulates the GTPase activity of Ras. NF1 shows greater affinity for Ras GAP, but lower specific activity. May be a regulator of Ras activity.
<b>Cellular Location</b>	Nucleus. Nucleus, nucleolus. Cell membrane
<b>Tissue Location</b>	Detected in brain, peripheral nerve, lung, colon and muscle.

## Background

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Stimulates the GTPase activity of Ras. NF1 shows greater affinity for Ras GAP, but lower specific activity. May be a regulator of Ras activity.

## References

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Wallace M.R.,et al.Science 249:181-186(1990).  
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Suzuki H.,et al.Biochem. Biophys. Res. Commun. 187:984-990(1992).

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