

## N4BP2 Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP11482
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human N4BP2
<b>Mol wt</b>	194700
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	N4BP2
<b>Synonyms</b>	N4BP2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

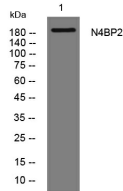
This gene encodes a protein containing a polynucleotide kinase domain (PNK) near the N-terminal region and a Small MutS Related (Smr) domain near the C-terminal region. The encoded protein can bind to both B-cell leukemia/lymphoma 3 (BCL-3) and neural precursor cell expressed developmentally downregulated 4 (Nedd4) proteins. This protein binds and hydrolyzes ATP and may function as a 5'-polynucleotide kinase and has the capacity to be a ubiquitylation substrate. This protein may play a role in transcription-coupled DNA repair or genetic recombination. Alternative splicing results in multiple transcript variants encoding different isoforms.

### Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from HeLa cells, primary antibody was diluted at 1:1000, 4°C overnight

### Storage

-20°C for 1 year