

Datasheet for ABIN6144311
anti-N4BP1 antibody (AA 190-590)

2 Images

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Overview

Quantity:	100 µL
Target:	N4BP1
Binding Specificity:	AA 190-590
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This N4BP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 190-590 of mouse N4BP1 (NP_085040.2).
Sequence:	TQGEESLFET DDDVITVGDV RPPEYTSAA TGPSSARDEV VVQEDSRNKA RTPVSELT KH MDTVFSSSPD VLFVPVNGLS PDEDALSKDR VCHKRRSSDT EERHTKKQFS LENVPEGELL PDGKGSAGNE VIDLSDPASN STNLSPDGKD TTEEMEYNIL VNFFKTMGYS QEIVEKVIRE YGPSTEPLLL LEEIEKENKR LQEDRDFPPC TVYPDASQSR NAGVGSTTNE LTADSTPKKA QSHTEQSMVE RFSQLPFKDS KHCTSNCKVN SFRTVPVGQK QEIWGSQNS SCTVDLET DG HSASAASASP KDISFVSRGA SGHQQRNPAF PENGFQQTE PLLPNNTKPA CEKRSGSCSS PQPKPNYPPL SPPLPLPQLL PSVTEARLGG SSDHIDSSVT G
Isotype:	IgG
Cross-Reactivity:	Human, Mouse

Product Details

Characteristics: Polyclonal Antibodies

Target Details

Target: N4BP1

Alternative Name: N4BP1 ([N4BP1 Products](#))

Background: Potent suppressor of cytokine production that acts as a regulator of innate immune signaling and inflammation. Acts as a key negative regulator of select cytokine and chemokine responses elicited by TRIF-independent Toll-like receptors (TLRs, thereby limiting inflammatory cytokine responses to minor insults. In response to more threatening pathogens, cleaved by CASP8 downstream of TLR3 or TLR4, leading to its inactivation, thereby allowing production of inflammatory cytokines (By similarity. Acts as a restriction factor against some viruses, such as HIV-1: restricts HIV-1 replication by binding to HIV-1 mRNAs and mediating their degradation via its ribonuclease activity. Also acts as an inhibitor of the E3 ubiquitin-protein ligase ITCH: acts by interacting with the second WW domain of ITCH, leading to compete with ITCH's substrates and impairing ubiquitination of substrates (By similarity.,N4BP1,Epigenetics & Nuclear Signaling,N4BP1

Molecular Weight: 99 kDa

Gene ID: 80750

UniProt: [O75113](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

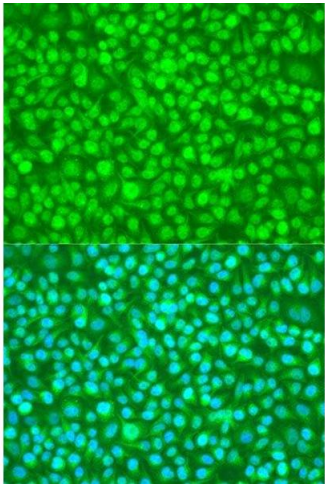
Preservative: Sodium azide

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

Handling

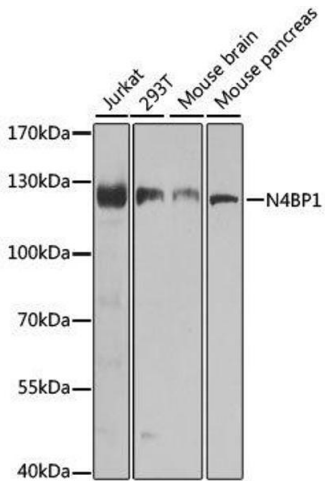
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using N4BP1 antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using N4BP1 antibody.