

N4BP1 Rabbit mAb
Catalog # AP75769**Specification**

N4BP1 Rabbit mAb - Product Information

Application	WB, IP
Primary Accession	Q6A037
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	99147

N4BP1 Rabbit mAb - Additional Information**Gene ID** 80750**Other Names**

N4Bp1

Dilution

WB~~1/500-1/1000

IP~~N/A

Format

Liquid

N4BP1 Rabbit mAb - Protein Information**Name** N4bp1 {ECO:0000303|PubMed:11717310, ECO:0000312|MGI:MGI:2136825}**Function**

Potent suppressor of cytokine production that acts as a regulator of innate immune signaling and inflammation (PubMed:32971525). 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 (PubMed:32971525). In response to more threatening pathogens, cleaved by CASP8 downstream of TLR3 or TLR4, leading to its inactivation, thereby allowing production of inflammatory cytokines (PubMed:32971525). Acts as a restriction factor against some viruses: restricts viral replication by binding to mRNA viruses and mediating their degradation via its ribonuclease activity (By similarity). 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 (PubMed:17592138).

Cellular Location

Cytoplasm, cytosol. Nucleus. Nucleus, nucleolus. Nucleus, PML body. Note=Primarily localizes to

the nucleolus (PubMed:20233849). Also localizes to the PML nuclear bodies, when desumoylated (PubMed:20233849).

N4BP1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

N4BP1 Rabbit mAb - Images

