

N4BP1 Rabbit mAb

Catalog # AP75769

Specification

N4BP1 Rabbit mAb - Product Information

Application
Primary Accession
Reactivity
Host
Clonality
Calculated MW

WB, IP
O6A037
Human
Rabbit
Monoclone

Monoclonal Antibody

99147

N4BP1 Rabbit mAb - Additional Information

Gene ID 80750

Other Names N4Bp1

DilutionWB~~1/500-1/1000
IP~~N/A

Format Liquid

N4BP1 Rabbit mAb - Protein Information

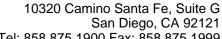
Name N4bp1 {ECO:0000303|PubMed:11717310, ECO:0000312|MGI:MGI:2136825}

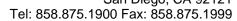
Function

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/a>).

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
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

N4BP1 Rabbit mAb - Images

