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## **ABIN3 Antibody**

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 254123

**Unit:** 0.1 mg

### **Description:**

The nuclear factor NF-kappaB plays key roles in development and immunity. ABIN3 (A20-binding inhibitor of NF-kappaB activation 3), also known as TNFAIP3-interacting protein 3 (TNIP3), is a novel negative feedback regulator of LPS-induced NF-kappaB activation. ABIN3 is a 39 kDa protein that negatively regulates NF-kappaB activation in response to TNF and LPS. ABIN3 is highly expressed in brain, thymus, lymph node, lung and fetal liver, with low expression in kidney, bone marrow. Through its interaction with A20, ABIN3 interferes with TRAF2-mediated transactivation signals and NF-kappaB inhibition is mediated by the ABIN-homology domain 2. ABIN3 has been found to be induced by Listeria infection and can be slightly downregulated by dexamethasone. Enhanced expression of ABIN3 in monocytes is associated with sepsis. Thus, ABIN3 is an IL-10-induced gene product capable of attenuating NF-kappaB in human macrophages yet is inoperative in mice and represents a basis for species-specific differences in IL-10 actions. At least four isoforms of ABIN3 are known to exist.

**Isotype:** Rabbit Ig

**Applications:** E, WB, IHC

**Species Reactivity:** H, M

**Format:** Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

**Alternate Names:** ABIN3;A20-binding inhibitor of NF-kappaB activation 3; TNFAIP3 interacting protein 3; TNIP3; Listeria-induced gene protein; LIND

**Accession No.:** NP\_079149

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within human ABIN3.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.