

Rabbit Anti-TNFAIP3 interacting protein 3/APC Conjugated antibody

SL7551R-APC

Product Name	Anti-TNFAIP3 interacting protein 3/APC
Chinese Name	APC 标记的 Tumour 坏死因子 α 诱导相互作用蛋白 3 抗体
Alias	Listeria induced; A20-binding inhibitor of NF-kappa-B activation 3; ABIN-3; ABIN-3 beta; FLJ21162; LIND; Listeria induced gene protein; TNFAIP3 interacting protein 3; TNFAIP3-interacting protein 3 beta; TNIP3; TNIP3 beta; TNIP3_HUMAN.
Research Area	Cardiovascular Chromatin and nuclear signals Signal transduction transcriptional regulatory factor endothelial cells
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse,Rat(predicted:Human,Cow,Sheep)
Applications	IF=1:50-200 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	39kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human TNFAIP3 interacting protein 3/ABIN3
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	background: ABIN-3 is a member of the A20-binding inhibitor of NF-kappaB activation

(ABIN) protein family. Similar to the previously characterized human ABINs (ABIN-1 and ABIN-2), ABIN-3 can bind to A20 and inhibit NF-kappaB activation. In contrast, mouse ABIN-3 is incapable of inhibiting NF-kappaB activation by proinflammatory stimuli because the protein lacks a complete ABIN homology domain, which is required for the functional activity of human ABIN-3.

Function:

Binds to zinc finger protein TNFAIP3 and inhibits NF-kappa-B activation induced by tumor necrosis factor, Toll-like receptor 4 (TLR4), interleukin-1 and 12-O-tetradecanoylphorbol-13-acetate. Overexpression inhibits NF-kappa-B-dependent gene expression in response to lipopolysaccharide at a level downstream of TRAF6 and upstream of IKBKB. NF-kappa-B inhibition is independent of TNFAIP3 binding.

Subunit:

Interacts with TNFAIP3. Interacts with polyubiquitin.

Tissue Specificity:

Highly expressed in lung, lymph node, thymus and fetal liver. Expressed at lower levels in bone marrow, brain, kidney, spleen, leukocytes and tonsils. Could be detected in heart, salivary gland, adrenal gland, pancreas, ovary and fetal brain. High levels detected in liver, colon, small intestine, muscle, stomach, testis, placenta, thyroid, uterus, prostate, skin and PBL.

Database links:

[Entrez Gene: 79931](#) Human

[Entrez Gene: 414084](#) Mouse

[Omim: 608019](#) Human

[SwissProt: Q96KP6](#) Human

[Unigene: 208206](#) Human

[Unigene: 117558](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.