

IKB alpha Polyclonal Antibody

Catalog No: #27531

Package Size: #27531-2 100ul #27531-1 50ul



SAB[®]
Signalway Antibody

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

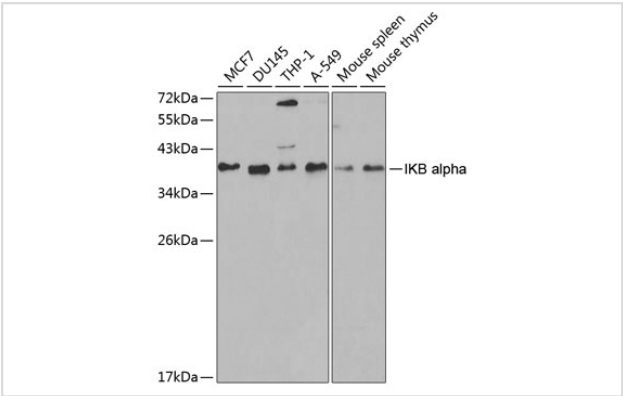
Description

Product Name	IKB alpha Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human IKB alpha (NP_065390.1).
Conjugates	Unconjugated
Other Names	NFKBIA; IKBA; MAD-3; NFKBI; NFKB inhibitor alpha
Accession No.	Swiss-Prot#:P25963NCBI Gene ID:4792
Calculated MW	36kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

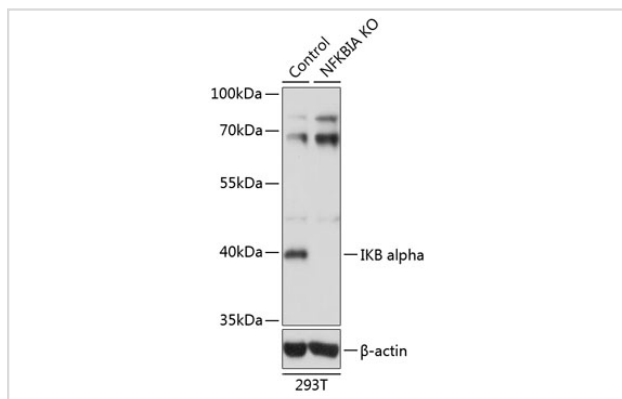
Application Details

WB 1:500 - 1:2000IP 1:20 - 1:50

Images



Western blot analysis of extracts of various cell lines, using IKB alpha at 1:1000 dilution.



Western blot analysis of extracts from normal (control) and IKB alpha knockout (KO) 293T cells, using IKB alpha at 1:1000 dilution.

Background

This gene encodes a member of the NF-kappa-B inhibitor family, which contain multiple ankrin repeat domains. The encoded protein interacts with REL dimers to inhibit NF-kappa-B/REL complexes which are involved in inflammatory responses. The encoded protein moves between the cytoplasm and the nucleus via a nuclear localization signal and CRM1-mediated nuclear export. Mutations in this gene have been found in ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant disease.

Published Papers

el at., 5-HT_{2A} Receptor and 5-HT Degradation Play a Crucial Role in Atherosclerosis by Modulating Macrophage Foam Cell Formation, Vascular Endothelial Cell Inflammation, and Hepatic Steatosis. In *J Atheroscler Thromb* on 2021 Feb 2 by Yingying Ma, Xiurui Liang,et al..PMID: 33536397, , (2021)

[PMID:33536397](#)

el at., 5-HT_{2A} Receptor and 5-HT Degradation Play a Crucial Role in Atherosclerosis by Modulating Macrophage Foam Cell Formation, Vascular Endothelial Cell Inflammation, and Hepatic Steatosis In *J Atheroscler Thromb* on 2022 Mar 1 by Yingying Ma, Xiurui Liang,et al..PMID: 33536397, , (2022)

[PMID:33536397](#)

Qu Chen;Lingyan Ma;Yang Wen;Wentao Lyu;Minjie Yu;Hua Yang;Yingping Xiao el at., The Effect of Clostridium butyricum-Derived Lipoteichoic Acid on Lipopolysaccharide-Stimulated Porcine Intestinal Epithelial Cells., , (2025)

[PMID:39749788](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.