



产品详情

IκB-α Rabbit Polyclonal Antibody

产品货号	产品名称	储存条件	保质期
IM54040	I κ B- α Rabbit Polyclonal Antibody	-20℃	1 年

产品概述:

产品货号	IM54040
别名	NFKBIA;IKBA;MAD3;NFKBI;NF-kappa-B inhibitor alpha;I-kappa-B-alpha;IkB-alpha;IkappaBalpha;Major histocompatibility complex enhancer-binding protein MAD3;IKBA;MAD3;NFKBI
产品名称	I κ B- α Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	NFKBIA
蛋白名称	NF-kappa-B inhibitor alpha
推荐应用	WB, IHC-P, IF-P, IF-F, IF-ICC, ELISA
反应种属	Human, Mouse, Rat
浓度	1mg/ml
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Human Gene ID	4792
Human Swissprot No.	P25963
Mouse Gene ID	18035

Mouse Swissprot No.	Q9Z1E3
Rat Gene ID	25493
Rat Swissprot No.	Q63746
免疫原	The antiserum was produced against synthesized peptide derived from human IkappaB-alpha. AA range:15-64
特异性	I κ B- α Polyclonal Antibody detects endogenous levels of I κ B- α protein.
稀释度	WB 1:500-1:2000, IHC-P 1:100-1:300, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:10000. Not yet tested in other applications.
预测分子量	about 40kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit, IgG
背景介绍	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. [provided by RefSeq, Aug 2011].
组织表达	Brain, Kidney, Lymph node, Monocyte.
细胞定位	Cytoplasm. Nucleus. Shuttles between the nucleus and the cytoplasm by a nuclear localization signal (NLS) and a CRM1-dependent nuclear

	export.
信号通路	Chemokine;Apoptosis_Inhibition;Apoptosis_Mitochondrial;Apoptosis_Overview;Toll_Like;NOD like receptor;RIG-I-like receptor;Cytosolic DNA-sensing pathway;T_Cell_Receptor; B_Cell_Antigen;Neurotrophin;Adipocytokine;Epithelial cell signaling in Helicobacter pylori infection;Pathways in cancer;Prostate cancer;Chronic myeloid leukemia;Small cell lung cancer.
功能	Disease:Defects in NFKBIA are the cause of ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant (ADED AID) [MIM:612132]. Ectodermal dysplasia defines a heterogeneous group of disorders due to abnormal development of two or more ectodermal structures. ADED AID is an ectodermal dysplasia associated with decreased production of pro inflammatory cytokines and certain interferons, rendering patients susceptible to infection. function:Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL dimers in the cytoplasm through masking of their nuclear localization signals. On cellular stimulation by immune and proinflammatory responses, becomes phosphorylated promoting ubiquitination and degradation, enabling the dimeric REL A to translocate to the nucleus and activate transcription. induction:Induced in adherent monocytes. online information:NFKBIA mutation db, PTM:Phosphorylated;disables inhibition of NF-kappa-B DNA-binding activity. PTM:Sumoylated;sumoylation requires the presence of the nuclear import signal. PTM:Ubiquitinated;subsequent to stimulus-dependent phosphorylation on serines. similarity:Belongs to the NF-kappa-B inhibitor family. similarity:Contains 5 ANK repeats. subcellular location:Shuttles between the nucleus and the cytoplasm by a nuclear localization signal (NLS) and a

功能	CRM1-dependent nuclear export.subunit:Interacts with RELA;the interaction requires the nuclear import signal.Interacts with NKIRAS1 and NKIRAS2.Part of a 70-90 kDa complex at least consisting of CHUK, IKBKB, NFKBIA, RELA, IKBKAP and MAP3K14. Interacts with HBV protein X. Interacts with RWDD3;the interaction enhances sumoylation.
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

注意事项:

1. 我司生产的生化试剂如无特殊标注, 基本为非无菌包装, 若用于细胞实验, 请提前做好预处理。需低温保存的产品, 一旦配成溶液, 请分装保存, 避免反复冻融造成的产品失效。
2. 本产品仅限于专业人员的科学研究用, 不得用于临床诊断或治疗, 不得用于食品或药品, 不得存放于普通住宅内。
3. 为了您的安全和健康, 请穿实验服并戴一次性手套操作。
4. 实验结果受多种因素影响, 相关处理仅限于产品本身, 不涉及其他赔偿。

免责声明: 所有产品仅用作科学研究, 不得用于其他用途! 本公司将不为任何不正常使用此产品时所发生的意外负责。

北京伊事达科技有限公司

电话: 13564444959

官网: www.followme-shop.com

地址: 北京市海淀区东北旺西路58号尚科办公社区C区一楼



公众号



客服