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# IKB alpha Rabbit mAb

货号: **AYM28491**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP ICC/IF
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200 <b>IP:</b> 1:20 - 1:50
理论分子量	35kDa
实测分子量	35kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,NIH/3T3,Rat liver
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

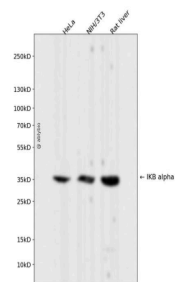
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human IKB alpha.
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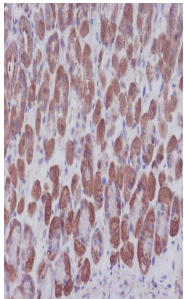
## 靶点信息

研究背景	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.
基因ID	4792
基因名	NFKBIA
Swiss	P25963 ( <a href="https://www.uniprot.org/uniprotkb/P25963/entry">https://www.uniprot.org/uniprotkb/P25963/entry</a> )
别名	IKB alpha,I kappa B alpha,I-kappa-B-alpha,IkappaBalpha,IkB-alpha,IKBA,IKBA_HUMAN,IKBalph,MAD 3,MAD3,Major histocompatibility complex enhancer-binding protein MAD3,NF kappa B inhibitor alpha,NF-kappa-B inhibitor alpha,NFKBI,NFKBIA,Nuclear factor of kappa light chain gene enhancer in B cells,Nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor alpha,IKB alpha Rabbit mAb

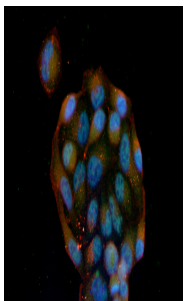
## 产品验证



Western blot analysis of IKB alpha expressed in HeLa,NIH/3T3,Rat liver using IKB alpha Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded mouse stomach, using IKB alpha Antibody.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab IKB alpha and Rabbit actin for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat.The nuclear counter stain is DAPI.

## 实验步骤

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