

## ARG54059 anti-IkB alpha antibody (N-term)

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody recognizes NFKBIA
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Target Name	IkB alpha
Species	Human
Immunogen	Purified recombinant human IκB-alpha(N-terminus) protein fragments expressed in E.coli.
Conjugation	Un-conjugated

### Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	36 kDa	

### Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.1M Tris-Glycine (pH 7.4), 150 mM NaCl, 0.2% Sodium azide and 50% Glycerol
Preservative	0.2% Sodium azide
Stabilizer	50% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

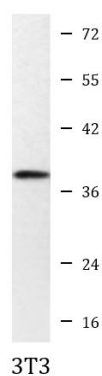
### Bioinformation

Gene Symbol	NFKBIA
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<b>Background</b>	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 RELA to translocate to the nucleus and activate transcription
<b>Highlight</b>	<p>Related Antibody Duos and Panels:  <a href="#">ARG30037 Phospho IKB alpha Antibody Duo (Total, pS32/36)</a>  <a href="#">ARG30205 NFkB Activation Antibody Panel</a></p> <p>Related products:  <a href="#">IkB alpha antibodies; IkB alpha Duos / Panels;</a></p> <p>Related news:  <a href="#">Treatment of Obesity with Celastrol</a>  <a href="#">Tumor microenvironments are shown to affect progression of several cancer subtypes</a>  <a href="#">Immune signaling protein TLR4 has opposing roles in breast cancer development</a></p>
<b>Research Area</b>	Cancer antibody; Gene Regulation antibody; Immune System antibody; Signaling Transduction antibody
<b>Cellular Localization</b>	Cytoplasm. Nucleus

## Images

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ARG54059 anti-IkB alpha antibody (N-term) WB image

Western blot: 3T3 cell lysate stained with ARG54059 anti-IkB alpha antibody (N-term) at 1:500 dilution.