

I κ B- α Polyclonal Antibody
Catalog # AP70600**Specification****I κ B- α Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IF
Primary Accession	P25963
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

I κ B- α Polyclonal Antibody - Additional Information**Gene ID** 4792**Other Names**NFKBIA; IKBA; MAD3; NFKBI; NF-kappa-B inhibitor alpha; I-kappa-B-alpha; I κ B-alpha; IkappaBalpha;
Major histocompatibility complex enhancer-binding protein MAD3**Dilution**

WB~~1:1000

IHC-P~~N/A

IF~~IF: 1:50-200 WB 1:500-2000, ELISA 1:10000-20000 IHC 1:50-300

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

I κ B- α Polyclonal Antibody - Protein Information**Name** NFKBIA**Synonyms** IKBA, MAD3, NFKBI**Function**

Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL (RELA/p65 and NFKB1/p50) dimers in the cytoplasm by masking their nuclear localization signals (PubMed:1493333, PubMed:36651806, PubMed:7479976). On cellular stimulation by immune and pro-inflammatory responses, becomes phosphorylated promoting ubiquitination and degradation, enabling the dimeric RELA to translocate to the nucleus and activate transcription (PubMed:7479976, PubMed:7628694, PubMed:7796813, PubMed:7878466).

target="_blank">7878466).

Cellular Location

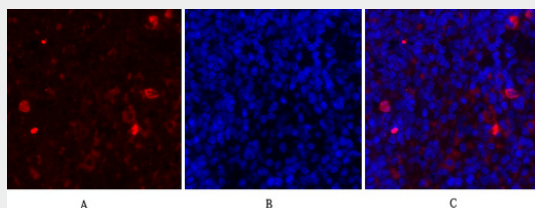
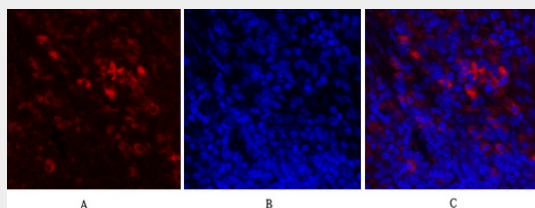
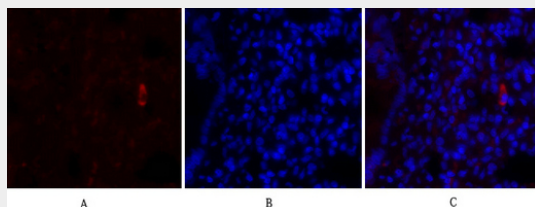
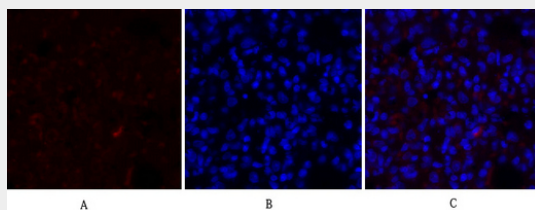
Cytoplasm. Nucleus. Note=Shuttles between the nucleus and the cytoplasm by a nuclear localization signal (NLS) and a CRM1-dependent nuclear export.

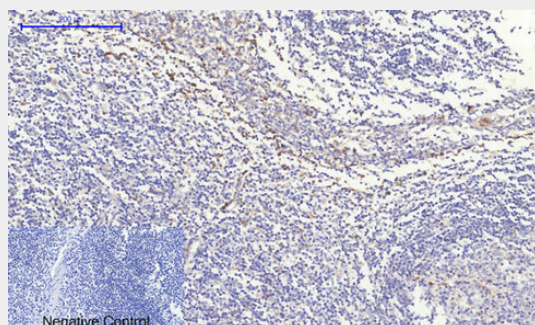
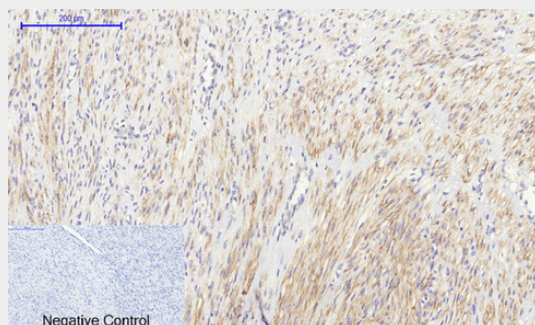
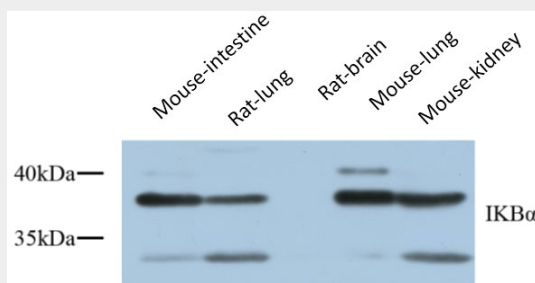
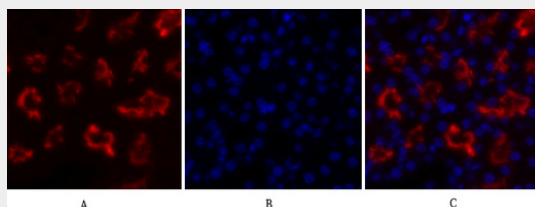
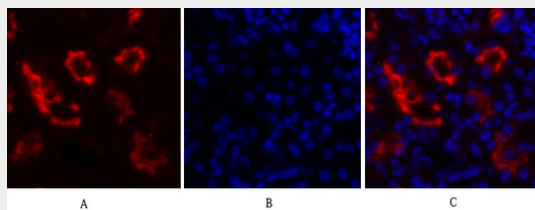
I κ B- α Polyclonal Antibody - Protocols

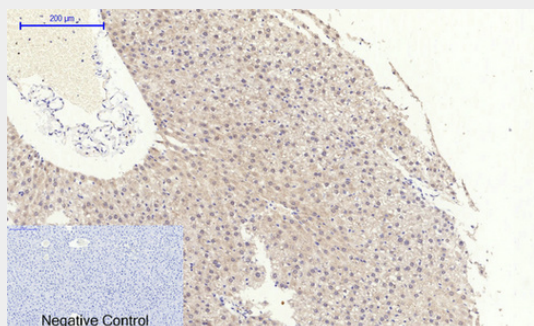
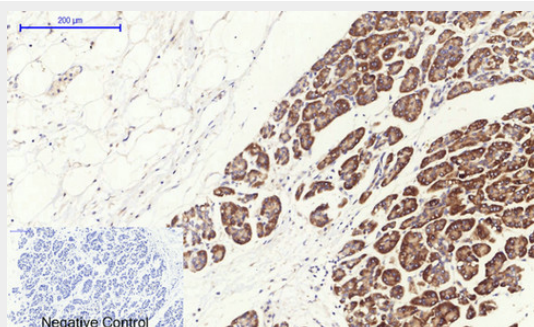
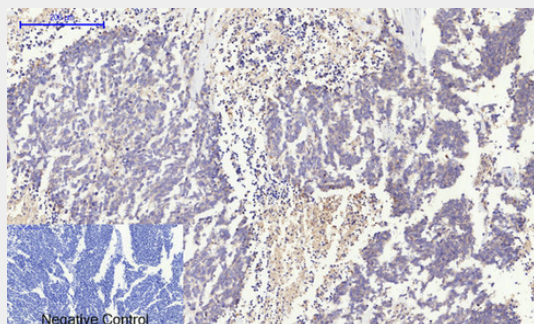
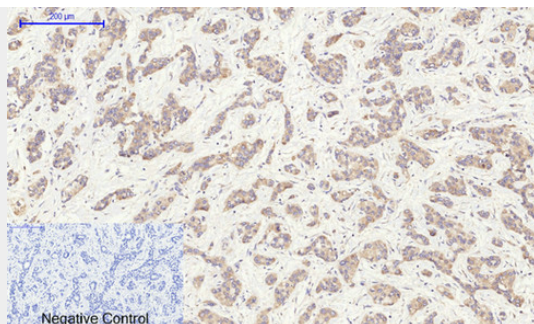
Provided below are standard protocols that you may find useful for product applications.

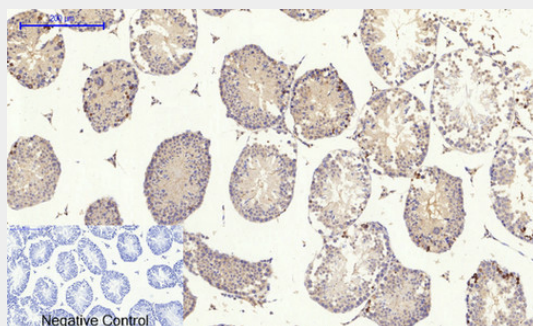
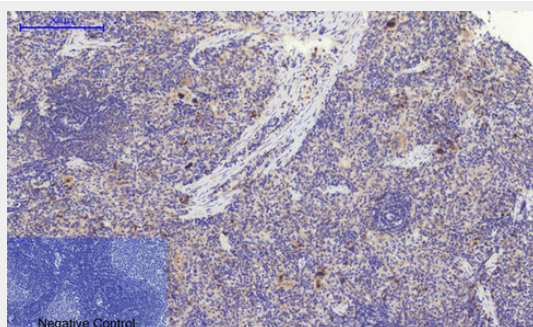
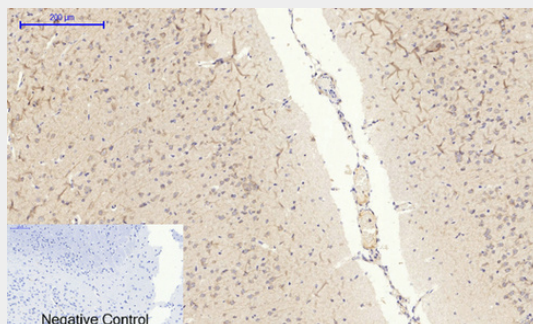
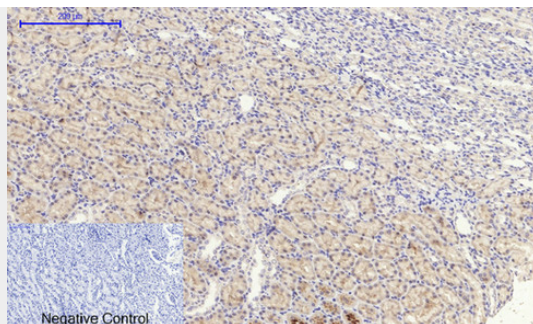
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- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

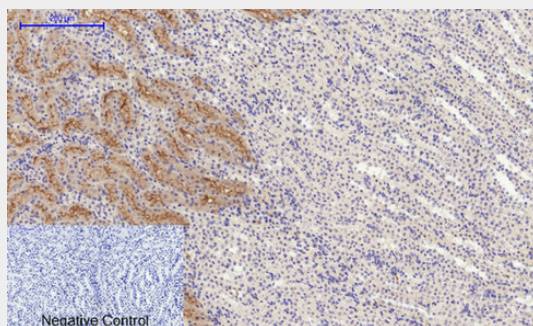
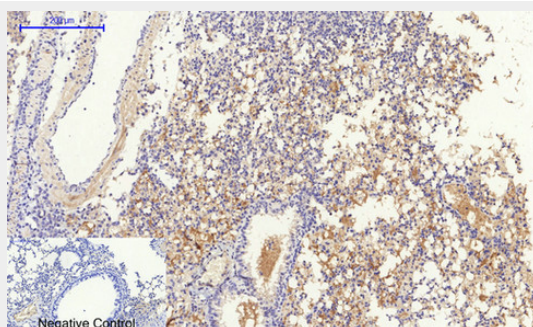
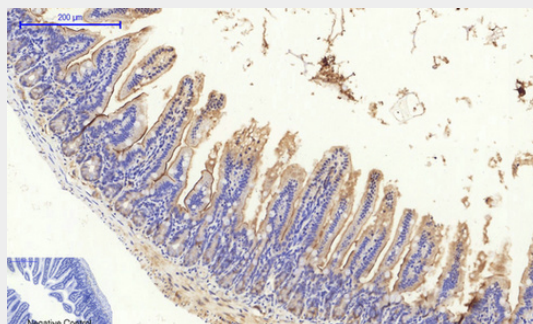
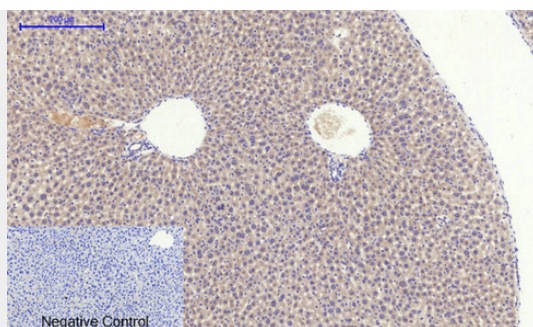
I κ B- α Polyclonal Antibody - Images

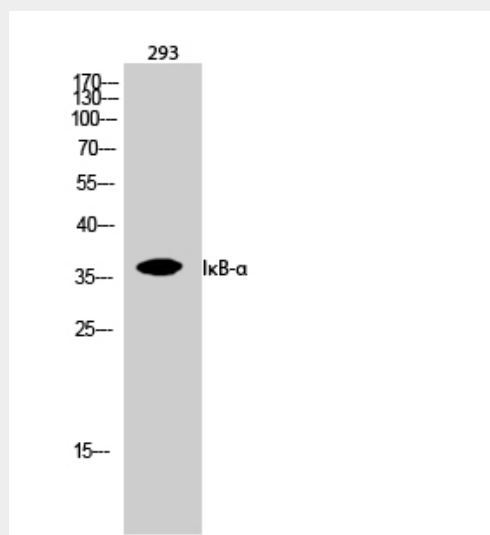
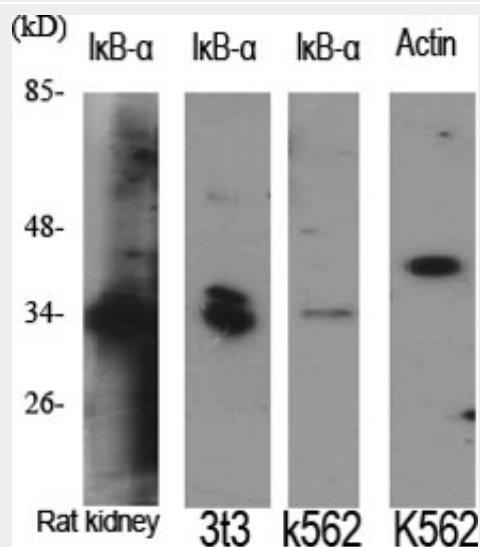
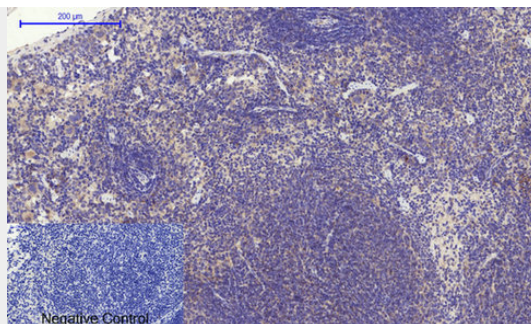


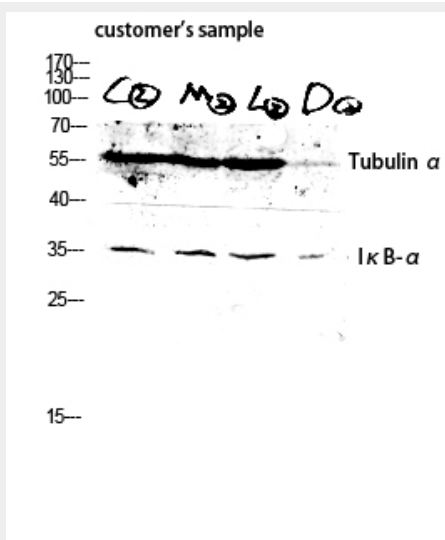
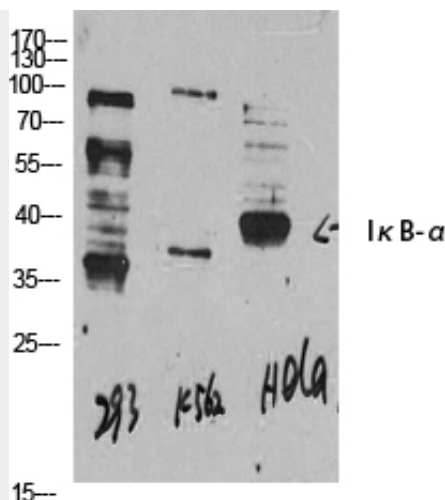












IκB-α Polyclonal Antibody - Background

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