NFKBIA (Ser32) Antibody

Catalog: OM215290

☐ 100ug

Product profile

Product name	NFKBIA (Ser32) Antibody
Antibody Type	Primary Antibodies

Key Feature

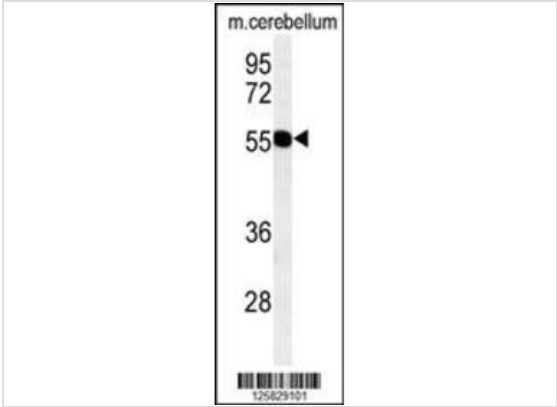|	
Clonality	Polyclonal
Isotype	Ig
Host Species	Rabbit
Tested Applications	WB ,IHC ,FC ,IF
Species Reactivity	Human
Concentration	1 mg/ml
Purification	

Target Information

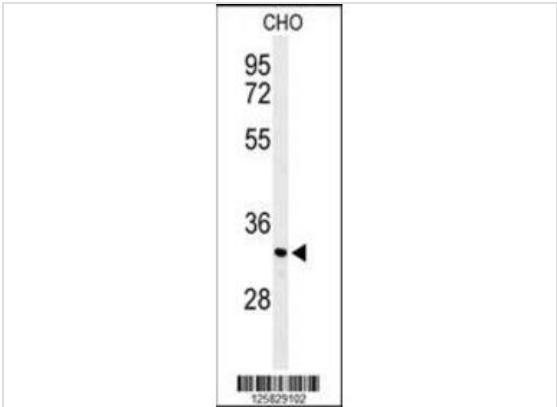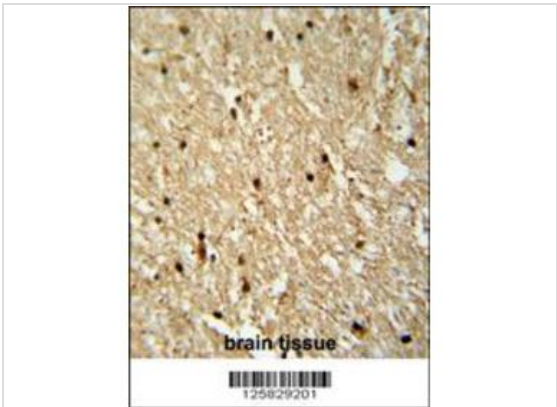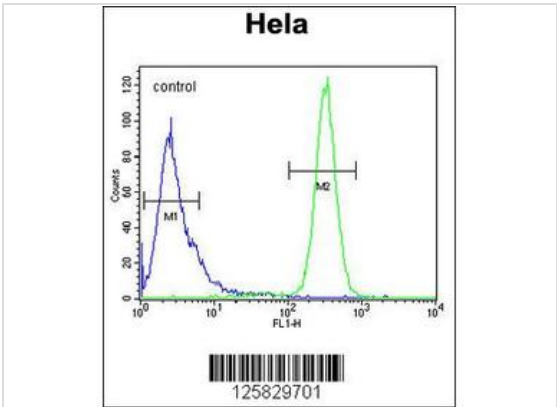|	
Gene Synonyms	IKBA, MAD3, NFKBI
Alternative Names	NFKBIA; IKBA; MAD3; NFKBI; NF-kappa-B inhibitor alpha; I-kappa-B-alpha; Major histocompatibility complex enhancer-binding protein MAD3
Molecular Weight(MW)	35609 Da
Function	Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL 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 RELA to translocate to the nucleus and activate transcription
Tissue Specificity	This NFKBIA (Ser32) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 18~48 amino acids from the S32 region of human NFKBIA.
Cellular Localization	Cytoplasm. Nucleus. Note=Shuttles between the nucleus and the cytoplasm by a nuclear localization signal (NLS) and a CRM1-dependent nuclear export (By similarity)

Database Links

Application

Application

Western blot analysis of NFKBIA (Ser32) Antibody in mouse cerebellum tissue lysates (35ug/lane). NFKBIA (arrow) was detected using the purified Pab.

Application

Western blot analysis of Phospho-NFKBIA (Ser32) Antibody in CHO cell line lysates (35ug/lane). NFKBIA (arrow) was detected using the purified Pab.
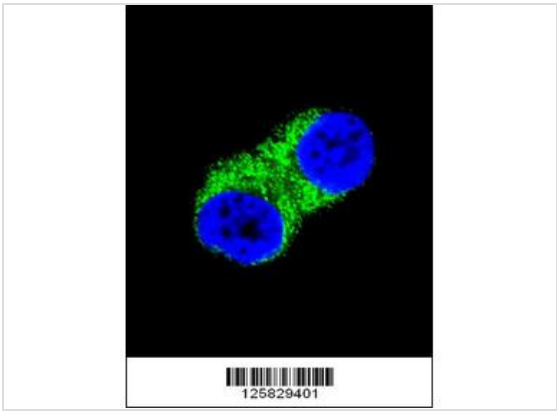

Application

NFKBIA (Ser32) Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the NFKBIA (Ser32) Antibody for immunohistochemistry. Clinical relevance has not been evaluated.

Application

NFKBIA (Ser32) Antibody flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Application

Confocal immunofluorescent analysis of NFKBIA (Ser32) Antibody(Cat#AP7981d) with ZR-75-1 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG

(green).DAPI was used to stain the cell nuclear (blue).

Application Notes	**WB~~1:100~500 IHC~~1:50~100 FC~~1:10~50 IF~~1:10~50**:

Additional Information

Form	Liquid
Storage Instructions	For short-term storage, store at 4° C. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Storage Buffer	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Note	The product is for research use only,not for use in diagnostic or therapeutic procedures.

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