IκB-α (Phospho Ser32)Rabbit mAb (AR1866)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IF,IP,ELISA
Isotype:	IgG,Kappa
MW:	36kDa (Calculated) 40kDa (Observed)

Recommended Dilution Ratios

WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal

Immunogen Information

Specificity	IκB-α (Phospho Ser32) antibody detects endogenous levels of IκB-α only when phosphorylated atSer32.and dually phosphorylated at two sites. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):HDsGL

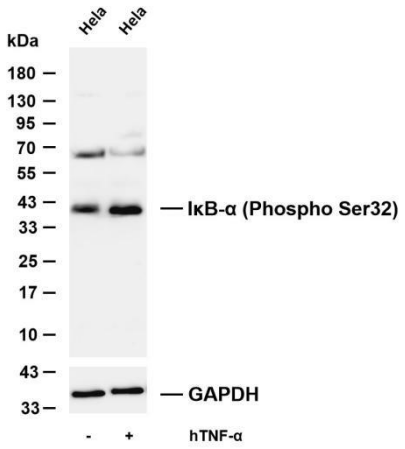
Target Information

Gene name	NFKBIA IKBA MAD3 NFKBI
Protein Name	NF-kappa-B inhibitor alpha

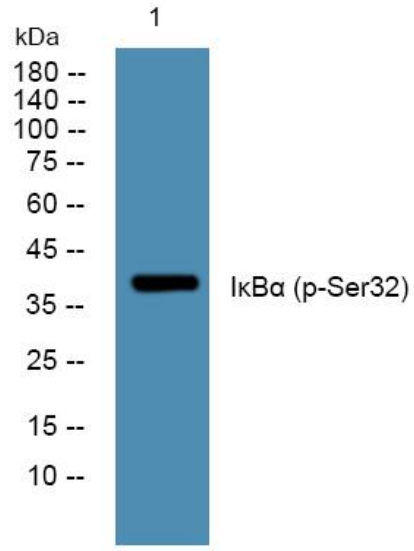
Organism	Gene ID	UniProt ID
Human	4792	P25963
Mouse	18035	Q9Z1E3
Rat	25493	Q63746

Cellular Localization	Cytoplasm. Nucleus. Shuttles between the nucleus and the cytoplasm by a nuclear localization signal (NLS) and a CRM1-dependent nuclear export.
Tissue specificity	Brain, Kidney, Lymph node, Monocyte

Validation Data



Various whole cell lysates were separated by 4-8% SDS-PAGE, and the membrane was blotted with anti-protein name antibody. The HRP conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.
Lane 1: Hela
Lane 2: Hela
Predicted band size: 36kDa
Observed band size: 40kDa



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4℃ overnight.

For Research Use Only