

IKK- α / β (Phospho Ser176/180) Rabbit mAb(AR1615)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,ELISA
Isotype:	IgG,Kappa
MW:	85kD,87kD (Calculated) 80kD (Observed)

Recommended Dilution Ratios

WB:	1:1000-5000
IF:	1:200-1000
IHC:	1:200-1000
ELISA:	1:5000-20000

Storage

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

Basic Information

Clonality	Monoclonal
-----------	------------

Immunogen Information

Specificity	IKK- α / β (Phospho Ser176/180) antibody detects endogenous levels of IKK α / β only when phosphorylated at S176/S180.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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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):QGSLC/CTsFV
-------------	---

Target Information

Gene name	CHUK/IKBKB
Protein Name	Inhibitor of nuclear factor kappa-B kinase subunit alpha

Organism	Gene ID	UniProt ID
Human	1147; 3551	O15111; O14920
Mouse	16150	
Rat	84351	Q9QY78

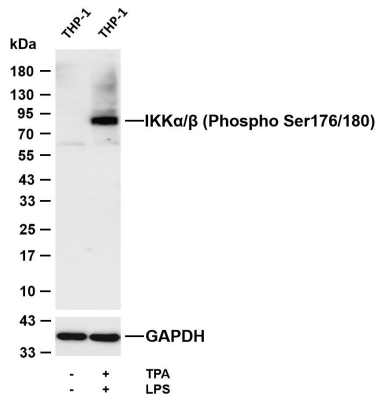
Cellular Localization

Cytoplasm . Nucleus . Shuttles between the cytoplasm and the nucleus.

Tissue specificity

Widely expressed.

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-IKKα/β (Phospho Ser176/180) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

Lane 1: THP-1

Lane 2: THP-1 was treated with TPA(80 nM) overnight and LPS(1 µg/ml) for 1 hour

Predicted band size: 85,87kDa

Observed band size: 90kDa

For Research Use Only