PKC α (Phospho Thr638) Rabbit mAb (AR1595)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,IP,ELISA
Isotype:	IgG,Kappa
MW:	77kD (Calculated) 115kD (Observed)

Recommended Dilution Ratios

IHC:	1:1000-4000
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	Phospho-PKC α (T638) Antibody detects endogenous levels of PKC α protein only when phosphorylated at T638.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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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): VLtPP

Target Information

Gene name	PRKCA
Protein Name	Protein kinase C alpha type

Organism	Gene ID	UniProt ID
Human	5578	P17252
Mouse	18750	P20444
Rat		P05696

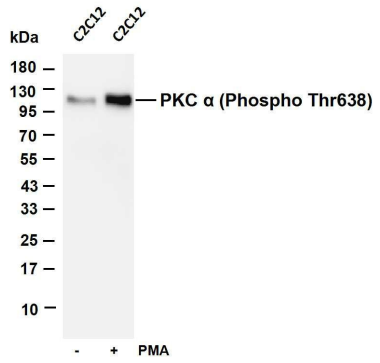
Cellular Localization

Cytoplasm. Cell membrane; Peripheral membrane protein. Mitochondrion membrane; Peripheral membrane protein. Nucleus.

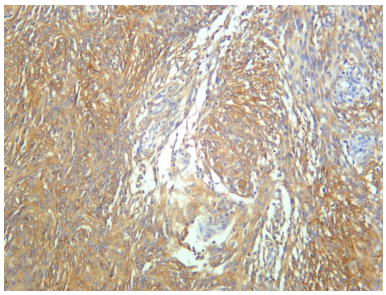
Tissue specificity

Blood, Brain, Epithelium, Lung, Platelet

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-PKC α (Phospho Thr638) antibody. The HRP conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.
Lane 1: C2C12
Lane 2: C2C12 was treated with Phorbol 12- myristate 13-acetate (200 nM) for 30 minutes
Predicted band size: 77kDa
Observed band size: 115kDa



Human meningioma was stained with anti-PKC α (Phospho Thr638) rabbit antibody

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