

## MARCKS(Phospho-Ser159/163) Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP11241
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized phospho peptide around human MARCKS (Ser159 and 163)
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	MARCKS
<b>Synonyms</b>	MARCKS ;Ser159/163 ; Myristoylated alanine-rich C-kinase substrate; MARCKS; Protein kinase C substrate; 80 kDa protein; light chain; 80K-L protein; PKCSL

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

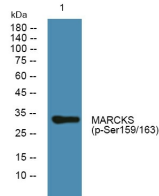
The protein encoded by this gene is a substrate for protein kinase C. It is localized to the plasma membrane and is an actin filament crosslinking protein. Phosphorylation by protein kinase C or binding to calcium-calmodulin inhibits its association with actin and with the plasma membrane leading to its presence in the cytoplasm. The protein is thought to be involved in cell motility| phagocytosis| membrane trafficking and mitogenesis.

### Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°C overnight

### Storage

-20°C for 1 year