

bs-3263R**[Primary Antibody]**

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phospho-MARCKS (Ser152 + Ser156) Rabbit pAb**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 4082**SWISS:** P29966**Target:** MARCKS (Ser152 + Ser156)

Immunogen: KLH conjugated synthesised phosphopeptide derived from rat MARCKS around the phosphorylation site of Ser152/156 or Ser159/163(human) : RF(p-S)FKK(p-S)FK.

Purification: affinity purified by Protein A**Concentration:** 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

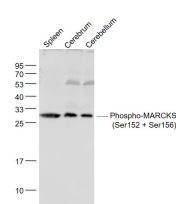
Background: MARCKS, (Myristoylated Alanine-Rich C Kinase Substrate), is a member of a family of calmodulin binding proteins and is a major substrate for phosphorylation by protein kinase C (PKC). The phosphorylation of Ser152/156 can be used as a measure of PKC activation. Phosphorylation of Ser152/156 modulates the binding of MARCKS to calmodulin.

Applications: WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)

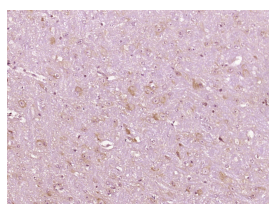
Reactivity: Mouse, Rat
(predicted: Human, Rabbit, Cow, Chicken, Dog)

Predicted MW.: 30 kDa

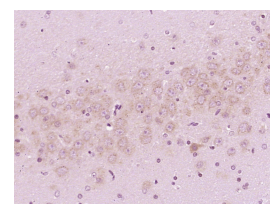
Subcellular Location: Cell membrane ,Cytoplasm

— VALIDATION IMAGES —

Sample: Spleen (Mouse) Lysate at 40 ug
Cerebrum (Mouse) Lysate at 40 ug
Cerebellum (Mouse) Lysate at 40 ug
Primary: Anti- Phospho-MARCKS (Ser152 + Ser156) (bs-3263R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 30 kD
Observed band size: 30 kD



Paraformaldehyde-fixed, paraffin embedded (Rat Cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Phospho-MARCKS (Ser152 + Ser156)) Polyclonal Antibody, Unconjugated (bs-3263R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Phospho-MARCKS (Ser152 + Ser156)) Polyclonal Antibody, Unconjugated (bs-3263R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.