Anti-PKA C-alpha antibody [S0MR] (STJ11102940)

STJ11102940

GENERAL INFORMATION

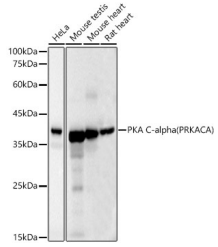
Product Type Primary antibodies
Short Description
Applications WB/IF/ICC/ELISA
Host/Source Mouse
Reactivity Human/Mouse/Rat

PRODUCT PROPERTIES

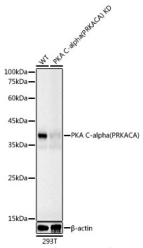
Clonality Monoclonal
Clone ID S0MR
Concentration Lot specific
Conjugation Unconjugated
Purification Affinity purification
Dilution Range WB:1:10000-1:40000
IF/ICC:1:50-1:200
ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype IgG2Bk
Storage Instruction Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

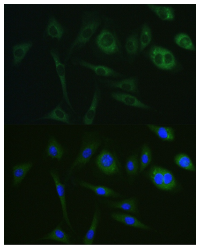
Gene ID 5566
Gene Symbol PRKACA
Uniprot ID KAPCA_HUMAN
Immunogen
Immunogen Region
Specificity Recombinant protein of human [KD Validated] PKA C-alpha (PRKACA).
Immunogen Sequence



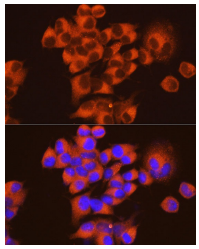
Western blot analysis of various lysates, using PKA C-alpha (PRKACA) antibody (STJ11102940) at 1:10000 dilution. Secondary antibody: HRP Goat Anti-mouse IgG (H+L) (STJS000854) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.



Western blot analysis of extracts from wild type (WT) and PKA C-alpha (PRKACA) knockdown (KD) 293T (KD) cells, using PKA C-alpha (PRKACA) antibody (STJ11102940) at 1:10000 dilution. Secondary antibody: HRP Goat Anti-mouse IgG (H+L) (STJS000854) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.



Immunofluorescence analysis of BALB-3T3 cells using [KD Validated] PKA C-alpha (PRKACA) mouse monoclonal antibody (STJ11102940) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of MCF7 cells using [KD Validated] PKA C-alpha (PRKACA) mouse monoclonal antibody (STJ11102940) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

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