

Anti-SSTR1 Antibody

Catalog #	Source	Reactivity	Applications
CPA4835	Rabbit	H, M, R, D, Mk	WB, IF/IC
Description	Rabbit polyclonal antibody to SSTR1		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human SSTR1. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of SSTR1 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)		
Gene Symbol	SSTR1		
Alternative Names	Somatostatin receptor type 1; SS-1-R; SS1-R; SS1R; SRIF-2		
Entrez Gene	6751 (Human); 20605 (Mouse); 25033 (Rat)		
SwissProt	P30872 (Human); P30873 (Mouse); P28646 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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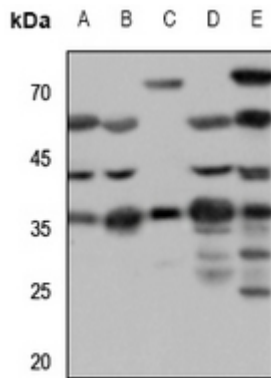
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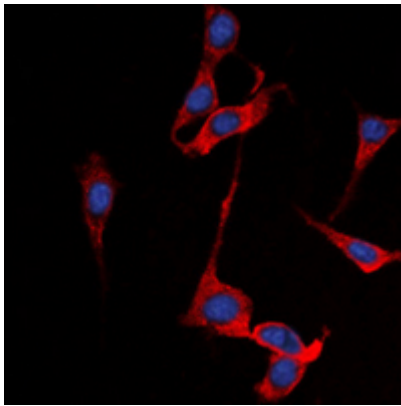
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Product Data Sheet



Western blot analysis of SSTR1 expression in mouse lung (A), mouse heart (B), mouse liver (C), rat heart (D), rat liver (E) whole cell lysates. (Predicted band size: 42 kD; Observed band size: 43; 55 kD)



Immunofluorescent analysis of SSTR1 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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