

Product Data Sheet

Anti-DUSP22 Antibody

Catalog #	Source	Reactivity	Applications
CPA3903	Rabbit	H, M	WB, IF/IC
Description	Rabbit polyclonal antibody to DUSP22		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DUSP22. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of DUSP22 protein.		
Clonality	Polyclonal		
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	DUSP22		
Alternative Names	JSP1; LMWDSP2; MKPX; Dual specificity protein phosphatase 22; JNK-stimulatory phosphatase-1; JSP-1; Low molecular weight dual specificity phosphatase 2; LMW-DSP2; Mitogen-activated protein kinase phosphatase x; MAP kinase phosphatase x; MKP-x		
Entrez Gene	56940 (Human); 105352 (Mouse)		
SwissProt	Q9NRW4 (Human); Q99N11 (Mouse)		
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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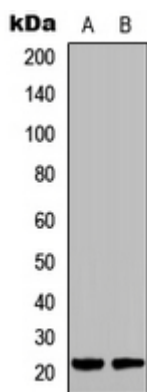
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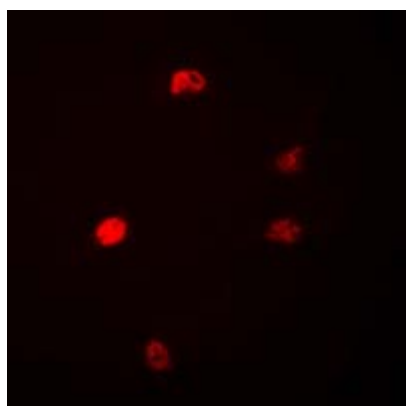
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Western blot analysis of DUSP22 expression in HCT116 (A), Raw264.7 (B) whole cell lysates.



Immunofluorescent analysis of DUSP22 staining in HepG2 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.

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