

Anti-DUSP22 Antibody
Rabbit polyclonal antibody to DUSP22
Catalog # AP60269**Specification**

Anti-DUSP22 Antibody - Product Information

Application	WB, IF
Primary Accession	O9NRW4
Other Accession	O99N11
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20910

Anti-DUSP22 Antibody - Additional Information**Gene ID** 56940**Other 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

Target/Specificity

Recognizes endogenous levels of DUSP22 protein.

Dilution

WB~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)

IF~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-DUSP22 Antibody - Protein Information**Name** DUSP22**Synonyms** JSP1, LMWDSP2, MKPX**Function**

Activates the Jnk signaling pathway.

Cellular Location

Cytoplasm.

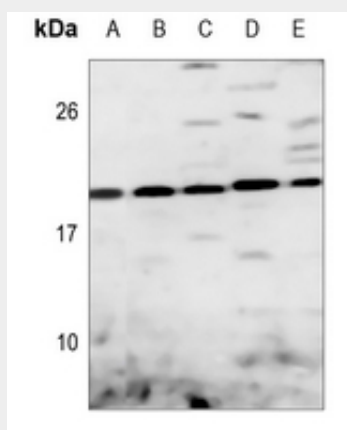
Tissue Location

Ubiquitous. Highest expression seen in heart, placenta, lung, liver, kidney and pancreas

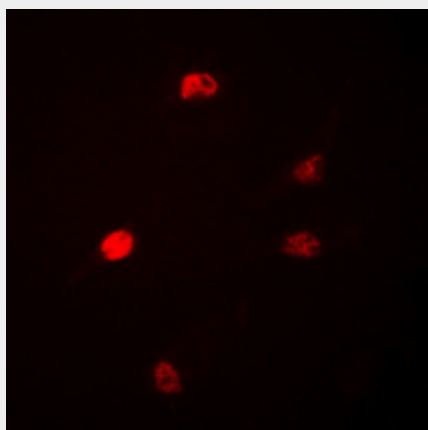
Anti-DUSP22 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-DUSP22 Antibody - Images

Western blot analysis of DUSP22 expression in SHSY5Y (A), mouse liver (B), mouse heart (C), rat liver (D), rat heart (E) 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.

DAPI was used to stain the cell nuclei (blue).

Anti-DUSP22 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DUSP22. The exact sequence is proprietary.