

# DUSP22 Rabbit pAb

Catalog No.: A7281

## Basic Information

### Observed MW

21kDa

### Calculated MW

21kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human

## Background

Enables non-membrane spanning protein tyrosine phosphatase activity and protein tyrosine kinase binding activity. Involved in several processes, including cellular response to epidermal growth factor stimulus; negative regulation of focal adhesion assembly; and negative regulation of non-membrane spanning protein tyrosine kinase activity. Acts upstream of or within negative regulation of transcription by RNA polymerase II. Located in plasma membrane. Part of cytoplasm; filamentous actin; and leading edge of lamellipodium.

## Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:100

## Immunogen Information

### Gene ID

56940

### Swiss Prot

Q9NRW4

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-184 of human DUSP22 (NP\_064570.1).

### Synonyms

VHX; JKAP; JSP1; MKPX; JSP-1; MKP-x; LMWDSP2; LMW-DSP2; DUSP22

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

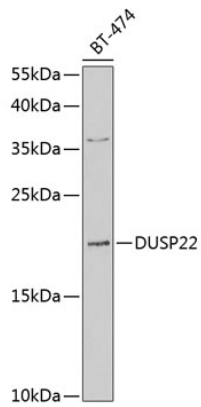
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

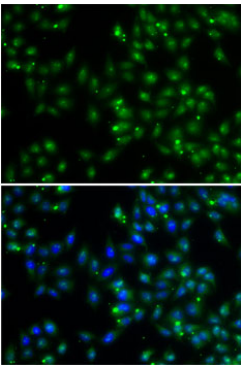
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of BT-474 cells, using DUSP22 antibody (A7281) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.



Immunofluorescence analysis of A-549 cells using DUSP22 antibody (A7281). Blue: DAPI for nuclear staining.