

# DUSP4 Rabbit Polyclonal Antibody



CAB2726

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

47kDa

### Calculated MW:

32kDa/42kDa

### Applications:

WB IHC

### Reactivity:

Human

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which are associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene product inactivates ERK1, ERK2 and JNK, is expressed in a variety of tissues, and is localized in the nucleus. Two alternatively spliced transcript variants, encoding distinct isoforms, have been observed for this gene. In addition, multiple polyadenylation sites have been reported.

## Immunogen information

### Gene ID:

1846

### Uniprot

Q13115

### Synonyms:

DUSP4; HVH2; MKP-2; MKP2; TYP

### Immunogen:

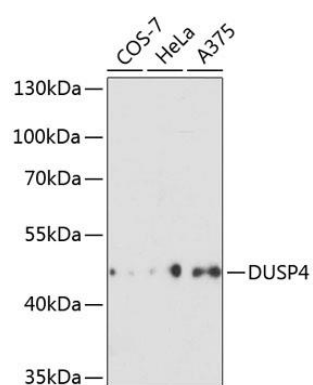
Recombinant fusion protein containing a sequence corresponding to amino acids 1-168 of human DUSP4 (NP\_001385.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using DUSP4 antibody (CAB2726) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.