



Rabbit Anti-DUSP26 antibody

SL7910R

Product Name:	DUSP26
Chinese Name:	双特异性蛋白磷酸酶26/丝裂原活化蛋白激酶磷酸酶8抗体
Alias:	DSP-4; Dual specificity phosphatase 26 (putative); Dual specificity phosphatase 26; Dual specificity phosphatase SKRP3; Dual specificity protein phosphatase 26; DUS26_HUMAN; DUSP24; DUSP26; Hypothetical protein FLJ31142; LDP 4; LDP-4; Low molecular mass dual specificity phosphatase 4; Low-molecular-mass dual-specificity phosphatase 4; MAP kinase phosphatase 8; MGC1136; MGC2627; Mitogen activated protein kinase phosphatase 8; Mitogen-activated protein kinase phosphatase 8; MKP-8; MKP8; NATA1; NATA1 protein; Novel amplified gene in thyroid anaplastic cancer; SKRP3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	24kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DUSP26/MKP8:144-211/211
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed

Inactivates MAPK1 and MAPK3 which leads to dephosphorylation of heat shock factor protein 4 and a reduction in its DNA-binding activity. Inhibits MAP kinase p38 by dephosphorylating it and inhibits p38-mediated apoptosis in anaplastic thyroid cancer cells. Can also induce activation of MAP kinase p38 and c-Jun N-terminal kinase (JNK). Tissue specificity: Brain. In the brain it is expressed ubiquitously except in the hippocampus. Expressed in embryonal cancers (retinoblastoma, neuroepithelioma and neuroblastoma) and in anaplastic thyroid cancer.

Function:

Inactivates MAPK1 and MAPK3 which leads to dephosphorylation of heat shock factor protein 4 and a reduction in its DNA-binding activity. Inhibits MAP kinase p38 by dephosphorylating it and inhibits p38-mediated apoptosis in anaplastic thyroid cancer cells. Can also induce activation of MAP kinase p38 and c-Jun N-terminal kinase (JNK).

Subunit:

Interacts with HSF4.

Subcellular Location:

Cytoplasm. Nucleus. Golgi apparatus.

Tissue Specificity:

Brain. In the brain it is expressed ubiquitously except in the hippocampus. Expressed in embryonal cancers (retinoblastoma, neuroepithelioma and neuroblastoma) and in anaplastic thyroid cancer.

Similarity:

Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily.

Contains 1 tyrosine-protein phosphatase domain.

SWISS:

Q9BV47

Gene ID:

78986

Database links:

[Entrez Gene: 78986](#) Human

[Entrez Gene: 426921](#) Chicken

[Entrez Gene: 533896](#) Cow

[Entrez Gene: 66959](#) Mouse

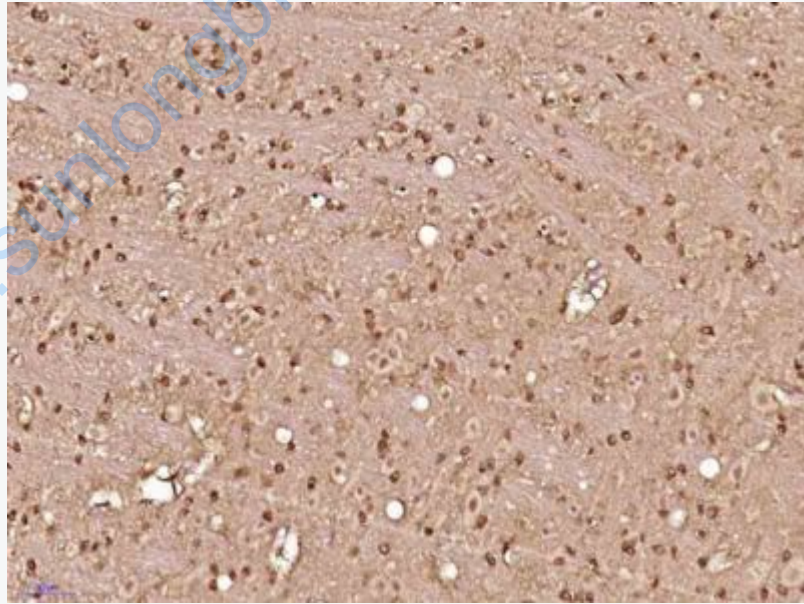
Product Detail:

[Entrez Gene: 306527](#) Rat
[SwissProt: Q17QJ3](#) Cow
[SwissProt: Q9BV47](#) Human
[SwissProt: Q9D700](#) Mouse
[SwissProt: Q5FVI9](#) Rat
[Unigene: 8719](#) Human
[Unigene: 23916](#) Mouse
[Unigene: 22231](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DUSP26) Polyclonal Antibody, Unconjugated

(SL7910R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

www.sunlongbiotech.com