

DUSP18 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55582**Specification**

DUSP18 Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	Q8NEJ0
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21066

DUSP18 Polyclonal Antibody - Additional Information**Gene ID** 150290**Other Names**

Dual specificity protein phosphatase 18, 3.1.3.16, 3.1.3.48, Low molecular weight dual specificity phosphatase 20, LMW-DSP20, DUSP18, LMWDSP20

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

DUSP18 Polyclonal Antibody - Protein Information**Name** DUSP18**Synonyms** LMWDSP20**Function**

Can dephosphorylate single and diphosphorylated synthetic MAPK peptides, with preference for the phosphotyrosine and diphosphorylated forms over phosphothreonine. In vitro, dephosphorylates p-nitrophenyl phosphate (pNPP).

Cellular Location

Cytoplasm. Nucleus. Mitochondrion inner membrane {ECO:0000250|UniProtKB:Q8VE01}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q8VE01}; Intermembrane side {ECO:0000250|UniProtKB:Q8VE01}. Note=Translocates to cytoplasm in response to apoptotic stimuli such as staurosporine treatment {ECO:0000250|UniProtKB:Q8VE01}

Tissue Location

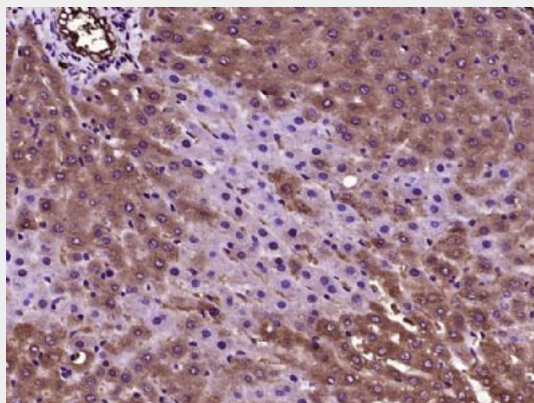
Widely expressed with highest levels in liver, brain, ovary and testis.

DUSP18 Polyclonal 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](#)

DUSP18 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Rat liver); 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 (DUSP18) Polyclonal Antibody, Unconjugated (bs-14453R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.