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Anti-DUSP19 Antibody

Catalog # AP61313

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q8WTR2
Reactivity	Human, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24194

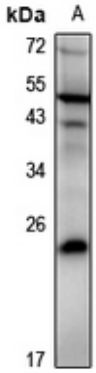
Additional Information

Gene ID	142679
Other Names	DUSP17; LMWDSP3; SKRP1; Dual specificity protein phosphatase 19; Dual specificity phosphatase TS-DSP1; Low molecular weight dual specificity phosphatase 3; LMW-DSP3; Protein phosphatase SKRP1; Stress-activated protein kinase pathway-regulating phosphatase 1; SAPK pathway-regulating phosphatase 1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DUSP19. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500) IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

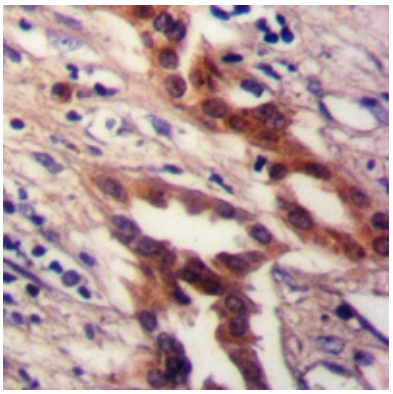
Protein Information

Name	DUSP19 (HGNC:18894)
Synonyms	DUSP17, LMWDSP3, SKRP1
Function	Has a dual specificity toward Ser/Thr and Tyr-containing proteins.
Tissue Location	Expressed in the heart, lung, liver, and pancreas. The expression level in the pancreas is the highest

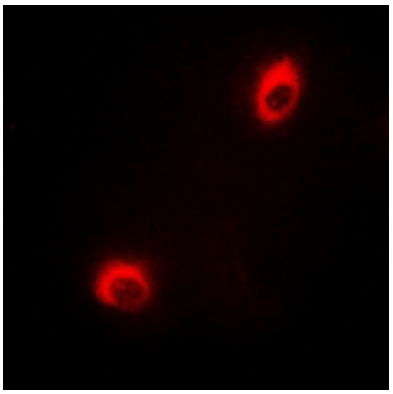
Images



Western blot analysis of DUSP19 expression in Panc1 (A) whole cell lysates. (Predicted band size: 24 kD; Observed band size: 24 kD)



Immunohistochemical analysis of DUSP19 staining in human kidney cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of DUSP19 staining in HeLa 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 hidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.