

DUSP19 rabbit pAb**Cat#: orb765081 (Manual)**

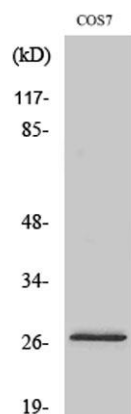
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Product Name	DUSP19 rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Monkey
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human DUSP19. AA range:111-160
Specificity	DUSP19 Polyclonal Antibody detects endogenous levels of DUSP19 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Dual specificity protein phosphatase 19
Gene Name	DUSP19
Cellular localization	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

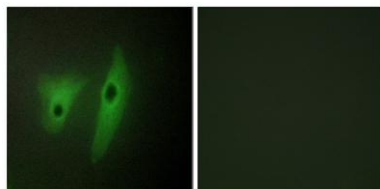
Concentration	1 mg/ml
Observed band	28kD
Human Gene ID	142679
Human Swiss-Prot Number	Q8WTR2
Alternative Names	DUSP19; DUSP17; LMWDSP3; SKRP1; Dual specificity protein phosphatase 19; Dual specificity phosphatase TS-DSP1; Low molecular weight dual specificity phosphatase 3; LMW-DSP3; Protein phosphatase SKRP1; Stress-activated protein kinase pathway

Background

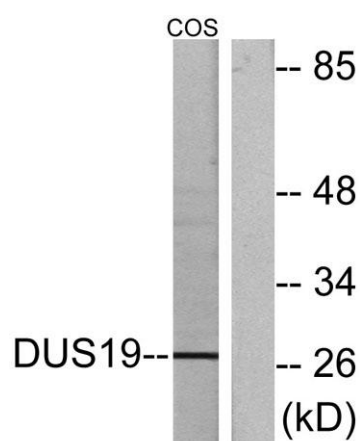
dual specificity phosphatase 19(DUSP19) Homo sapiens Dual-specificity phosphatases (DUSPs) constitute a large heterogeneous subgroup of the type I cysteine-based protein-tyrosine phosphatase superfamily. DUSPs are characterized by their ability to dephosphorylate both tyrosine and serine/threonine residues. They have been implicated as major modulators of critical signaling pathways. DUSP19 contains a variation of the consensus DUSP C-terminal catalytic domain, with the last serine residue replaced by alanine, and lacks the N-terminal CH2 domain found in the MKP (mitogen-activated protein kinase phosphatase) class of DUSPs (see MIM 600714) (summary by Patterson et al., 2009 [PubMed 19228121]).[supplied by OMIM, Dec 2009],



Western Blot analysis of various cells using DUSP19 Polyclonal Antibody



Immunofluorescence analysis of HeLa cells, using DUSP19 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, using DUSP19 Antibody. The lane on the right is blocked with the synthesized peptide.