BT LAB
Bioassay Technology Laboratory
Optimize Your Research

DUSP19 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02753
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human DUSP19. AA range:111-160
Mol wt	24194
Species reactivity	Human, Monkey
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	DUSP19 Antibody
Synonyms	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;

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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]).

Recommended Dilution

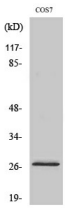
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

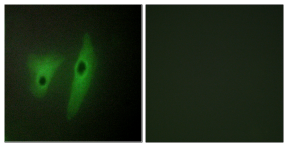
ELISA: 1: 20000

Not yet tested in other applications.

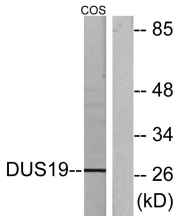
Images



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.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com