BT LAB
Bioassay Technology Laboratory

Optimize Your Research

DUS14 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP15333
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 120-200
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Dual specificity protein phosphatase 14
Synonyms	Dual specificity protein phosphatase 14 ;EC 3.1.3.16;EC 3.1.3.48;MKP-1-like protein tyrosine phosphatase;MKP-L;Mitogen-activated protein kinase phosphatase 6;MAP kinase phosphatase 6;MKP-6

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. DUSP14 contains the consensus DUSP C-terminal catalytic domain but 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

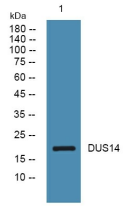
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year

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