10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-DUSP14 Antibody

Catalog # AP51667

Product Information

Application	WB
Primary Accession	O95147
Reactivity	Human, Mouse, Rat, Rabbit, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22255

Additional Information

Gene ID	11072
Other Names	MKP6; Dual specificity protein phosphatase 14; MKP-1-like protein tyrosine phosphatase; MKP-L; Mitogen-activated protein kinase phosphatase 6; MAP kinase phosphatase 6; MKP-6
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human DUSP14. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
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

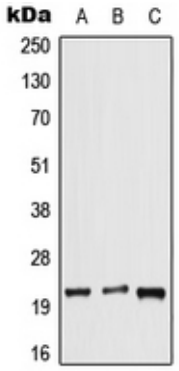
Protein Information

Name	DUSP14
Synonyms	MKP6
Function	Involved in the inactivation of MAP kinases. Dephosphorylates ERK, JNK and p38 MAP-kinases. Plays a negative role in TCR signaling by dephosphorylating MAP3K7 adapter TAB1 leading to its inactivation (PubMed:24403530).

References

Yuan Y.,et al.Submitted (DEC-1997) to the EMBL/GenBank/DDBJ databases.
Marti F.,et al.J. Immunol. 166:197-206(2001).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).
Lountos G.T.,et al.Acta Crystallogr. D 65:1013-1020(2009).

Images



Western blot analysis of DUSP14 expression in HeLa (A), mouse testis (B), rat testis (C) whole cell lysates.
(Predicted band size: 22 kD; Observed band size: 22 kD)

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