Datasheet for ABIN1531688

anti-DUSP1 antibody (pSer359)

1 Image

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Overview

Quantity:	100 µL
Target:	DUSP1
Binding Specificity:	AA 318-367, pSer359
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DUSP1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human MKP1 around the phosphorylation site of Ser359.
Isotype:	IgG
Specificity:	MKP1 (Phospho-Ser359) Antibody detects endogenous levels of MKP1 only when phosphorylated at Ser359. PhosphorylationH:S359
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

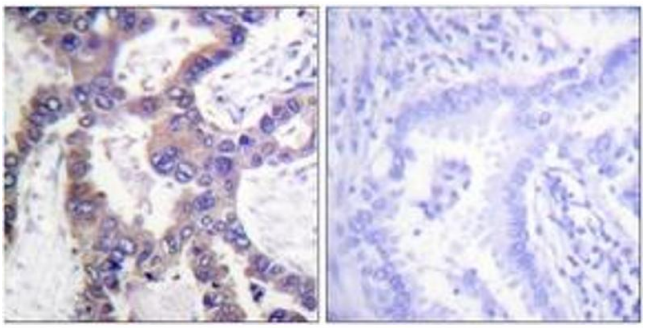
Target:	DUSP1
Alternative Name:	MKP1 (DUSP1 Products)
Background:	Synonyms: 3CH134, CL100, Dual specificity protein phosphatase 1, Dual specificity protein phosphatase hVH1, DUS1, DUSP1, MAP kinase phosphatase-1, MKP1, Protein-tyrosine phosphatase 3CH134, Protein-tyrosine phosphatase CL100, Protein-tyrosine phosphatase ERP, PTPN1 NCBI Gene Symbol: DUS1
Molecular Weight:	39 kDa
Gene ID:	1843
OMIM:	600714
UniProt:	P28562

Application Details

Application Notes:	IHC: 1:50~1:100 ELISA: 1:10000
Comment:	Unigene-Number: Hs.171695, Hs.710943 (NCBI Gene Symbol: DUS1)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using MKP1 (Phospho-Ser359) Antibody. The picture on the right is treated with the synthesized peptide.