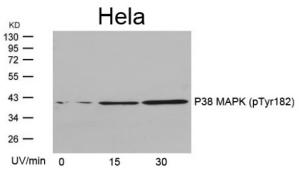
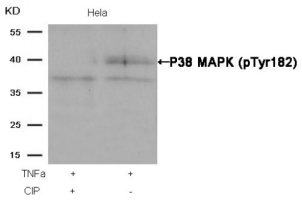
Mitogen-Activated Protein Kinase 14 Phospho-Tyr182 (MAPK14 pY182) Antibody

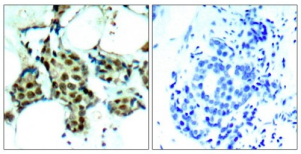
Catalogue No.:abx011784



WB analysis of extracts from HeLa cells untreated or treated with UV for the indicated times, using Mitogen-Activated Protein Kinase 14 Phospho-Tyr182 (MAPK14 pY182) Antibody.



WB analsis of extracts from HeLa cells, treated with TNFa or calf intestinal phosphatase (CIP), using Mitogen-Activated Protein Kinase 14 Phospho-Tyr182 (MAPK14 pY182) Antibody.



IHC-P analysis of Human breast carcinoma tissue, using Mitogen-Activated Protein Kinase 14 Phospho-Tyr182 (MAPK14 pY182) Antibody (left) or the same antibody pre-incubated with blocking peptide (right).

Phospho-p38 MAPK (Tyr182) Antibody detects endogenous levels of p38 MAPK only when phosphorylated at Tyrosine 182. The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development.

Target:	Mitogen-Activated Protein Kinase 14 Phospho-Tyr182 (MAPK14 pY182)
Clonality:	Polyclonal
Target Modification:	Tyr182
Modification:	Phosphorylation
Reactivity:	Human, Mouse, Rat

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Tested Applications:	WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/1000, IHC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated peptide derived from Human P38MAPK. Peptide sequence around phosphorylation site of tyrosine 182 (T-G-Y(p)-V-A).
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q16539 (UniProt, ExPASy)
Gene Symbol:	MAPK14
GeneID:	1432
OMIM:	600289
HGNC:	6876
KEGG:	hsa:1432
Ensembl:	ENSG00000112062
String:	9606.ENSP00000229795
Enzyme Commission Number:	EC 2.7.11.24
Molecular Weight:	43 Kda
Buffer:	PBS (without Mg2+ and Ca2+), pH 7.4, containing 150 mM NaCl, 0.02% sodium azide and 50% Glycerol.
Specificity:	Detects endogenous level of P38MAPK only when phosphorylated at tyrosine 182.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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