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anti-CROT antibody (pThr290)

3 Images



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Quantity:	100 μL	
Target:	CROT	
Binding Specificity:	AA 256-305, pThr290	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CROT antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)	
Product Details		
Immunogen:	The antiserum was produced against synthesized peptide derived from human COT around the phosphorylation site of Thr290.	
Isotype:	IgG	
Specificity:	COT (Phospho-Thr290) Antibody detects endogenous levels of COT only when phosphorylated at Thr290. PhosphorylationH:T290 M:T290 R:T290	
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

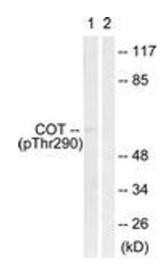
Target:	CROT
Alternative Name:	COT (CROT Products)
Background:	Synonyms: C-COT, COT proto-oncogene serine/threonine-protein kinase, Cancer Osaka thyroid oncogene, M3K8, MAP3K8, Mitogen-activated protein kinase kinase kinase 8, TPL-2, TPL2, Tpl2, Tumor progression locus 2, kinase Cot NCBI Gene Symbol: MAP3K8
Molecular Weight:	52 kDa
Gene ID:	1326
OMIM:	191195
UniProt:	P41279
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:40000
Comment:	Unigene-Number: Hs.432453 (NCBI Gene Symbol: MAP3K8)
Restrictions:	For Research Use only

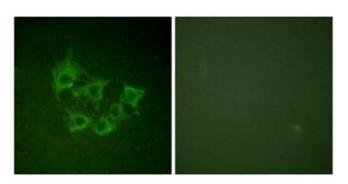
Handling

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



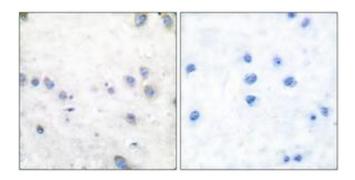
Western Blotting

Image 1. Western blot analysis of extracts from 293 cells treated with UV 15', using COT (Phospho-Thr290) Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of HuvEc cells, using COT (Phospho-Thr290) Antibody. The picture on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 3. Immunohistochemistry analysis of paraffinembedded human brain, using COT (Phospho-Thr290) Antibody. The picture on the right is treated with the synthesized peptide.