

COT Antibody | anti-COT antibody

COT (Ab-290) Antibody

CATALOG # AAA267344	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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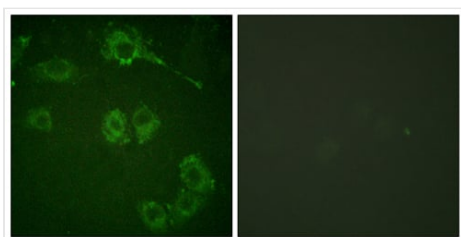
PRODUCT SYNONYMS

COT; COT (Ab-290) Antibody; C-COT; COT proto-oncogene serine/threonine-protein kinase; Cancer Osaka thyroid oncogene; EC 2.7.11.25; M3K8; MAP3K8; Mitogen-activated protein kinase kinase 8; TPL-2; TPL2; Tpl2; Tumor progression locus 2; kinase Cot; anti-COT antibody

PRODUCT SPECIFICATIONS

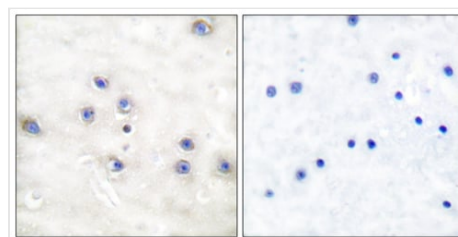
Reactivity	Human, Mouse, Rat
Specificity	COT (Ab-290) antibody detects endogenous levels of total COT protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	467
Applicable Applications for anti-COT antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human COT around the phosphorylation site of threonine 290 (R-G-TP-E-I).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



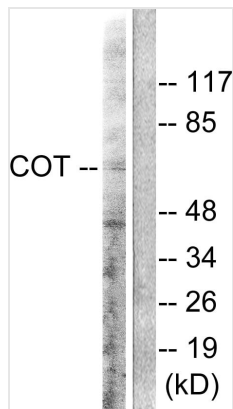
IF (Immunofluorescence)

Peptide - +Immunofluorescence analysis of HuvEc cells, using COT (Ab-290) antibody (#B0064).



IHC (Immunohistochemistry)

Peptide - +Immunohistochemical analysis of paraffin-embedded human brain tissue using COT (Ab-290) antibody (#B0064).



WB (Western Blot)
 Western blot analysis of extracts from 293 cells treated with LPS (100ng/ml, 30min), using COT (Ab-290) antibody (#B0064, Line 1 and 2).

ADDITIONAL INFORMATION

References	Lawrence P. Kane, Mol. Cell. Biol., Aug 2002; 22: 5962-5974. Brenda S. Luciano, J. Biol. Chem., Dec 2004; 279: 52117-52123. Matilde Caivano, J. Biol. Chem., Dec 2003; 278: 52124-52130. Kenji Sugimoto, J. Clin. Invest., Sep 2004; 114: 857-866.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	346644795
NCBI GeneID	1326
NCBI Accession #	NP_001231063.1
NCBI GenBank Nucleotide #	NM_001244134.1
UniProt Accession #	P41279; Q14275; Q5T855; Q9HC81; A8K2Q5; D3DRX1
Molecular Weight	49,620 Da
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase 8
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase 8
NCBI Official Symbol	MAP3K8
NCBI Official Synonym Symbols	COT; EST; ESTF; TPL2; AURA2; MEKK8; Tpl-2; c-COT
NCBI Protein Information	mitogen-activated protein kinase kinase kinase 8
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase 8
UniProt Gene Name	MAP3K8
UniProt Synonym Gene Names	COT; ESTF; TPL-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.