

Rabbit COT Polyclonal Antibody | anti-COT antibody

COT (Phospho-Thr290) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316095	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

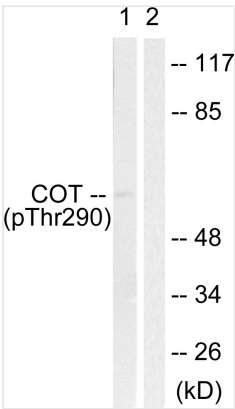
PRODUCT SYNONYMS

COT; Polyclonal Antibody; COT (Phospho-Thr290) Antibody; 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; anti-COT antibody

PRODUCT SPECIFICATIONS

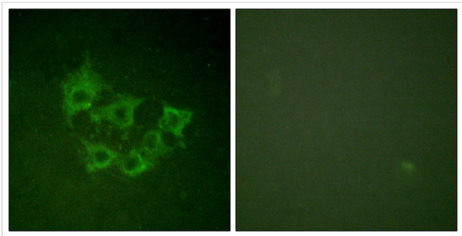
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	COT (Phospho-Thr290) Antibody detects endogenous levels of COT only when phosphorylated at Thr290.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	438
Applicable Applications for anti-COT antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:T290; M:T290; R:T290
Immunogen	The antiserum was produced against synthesized peptide derived from human COT around the phosphorylation site of Thr290.
Immunogen Range	256-305
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



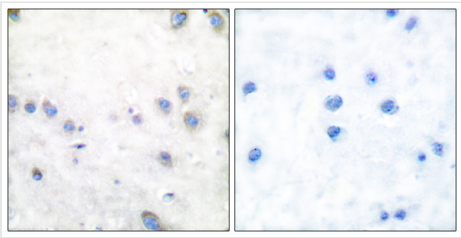
WB (Western Blot)

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



IF (Immunofluorescence)

Immunofluorescence analysis of HUVEC cells, using COT (Phospho-Thr290) Antibody. The picture on the right is blocked with the phospho peptide.



IHC (Immunohiostchemistry)

Immunohistochemistry analysis of paraffin-embedded human brain, using COT (Phospho-Thr290) Antibody. The picture on the right is blocked with the phospho peptide.

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	52 kDa
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.