

## CROT Antibody

Catalog No: #36373

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

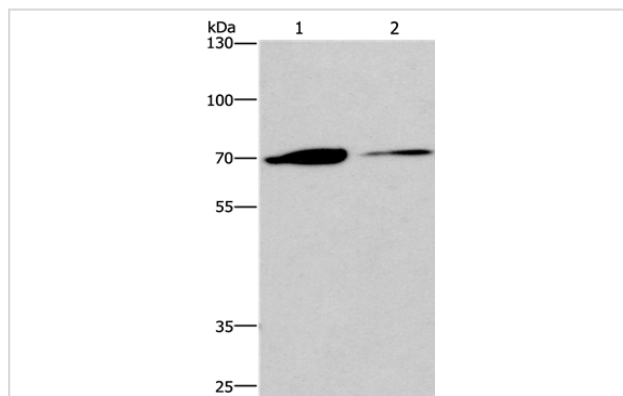
Product Name	CROT Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total CROT protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	CROT
Other Names	COT
Accession No.	Swiss-Prot#: Q9UKG9NCBI Gene ID: 54677Gene Accssion: BC051874
Uniprot	Q9UKG9
GeneID	54677;
SDS-PAGE MW	70kd
Concentration	2.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:100-1:300

## Images



Gel: 8%SDS-PAGE

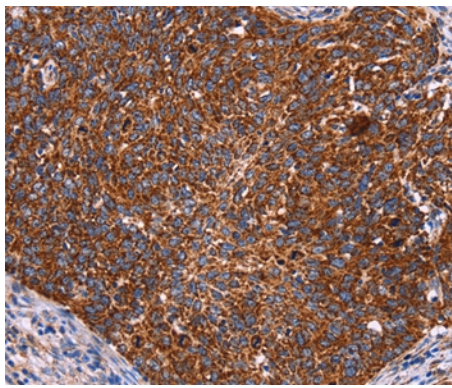
Lysates (from left to right): 293T cell and mouse kidney tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/270 dilution

Secondary antibody dilution: 1/8000

Exposure time: 5 minutes



Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using #36373 at dilution 1/50.

## Background

This gene encodes a member of the carnitine/choline acetyltransferase family. The encoded protein converts 4,8-dimethylnonanoyl-CoA to its corresponding carnitine ester. This transesterification occurs in the peroxisome and is necessary for transport of medium- and long- chain acyl-CoA molecules out of the peroxisome to the cytosol and mitochondria. The protein thus plays a role in lipid metabolism and fatty acid beta-oxidation. Alternatively spliced transcript variants have been described

Note: This product is for in vitro research use only