

## CCS Antibody

Catalog No: #34622

Package Size: #34622-1 50ul #34622-2 100ul

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

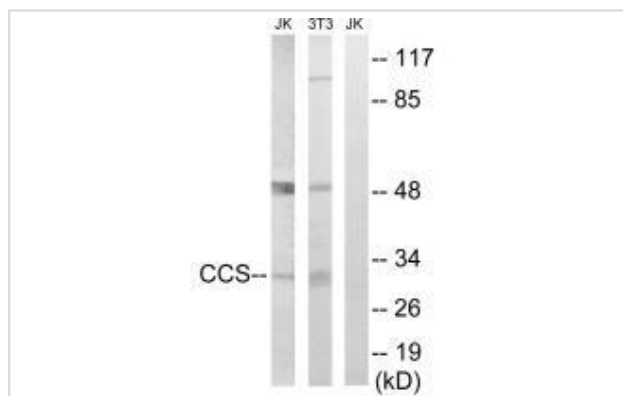
## Description

|                       |                                                                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | CCS Antibody                                                                                                                                       |
| Host Species          | Rabbit                                                                                                                                             |
| Clonality             | Polyclonal                                                                                                                                         |
| Purification          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                              |
| Applications          | WB                                                                                                                                                 |
| Species Reactivity    | Hu Ms                                                                                                                                              |
| Specificity           | The antibody detects endogenous levels of total CCS protein.                                                                                       |
| Immunogen Type        | Peptide                                                                                                                                            |
| Immunogen Description | Synthesized peptide derived from C-terminal of human CCS.                                                                                          |
| Target Name           | CCS                                                                                                                                                |
| Other Names           | copper chaperone for superoxide dismutase; MGC138260;                                                                                              |
| Accession No.         | Swiss-Prot: O14618NCBI Gene ID: 9973                                                                                                               |
| Uniprot               | O14618                                                                                                                                             |
| GeneID                | 9973;                                                                                                                                              |
| SDS-PAGE MW           | 32kd                                                                                                                                               |
| Concentration         | 1.0mg/ml                                                                                                                                           |
| Formulation           | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage               | Store at -20°C                                                                                                                                     |

## Application Details

Western blotting: 1:500~1:3000

## Images



Western blot analysis of extracts from Jurkat cells and 3T3 cells, using CCS antibody #34622.

## Background

---

Delivers copper to copper zinc superoxide dismutase (SOD1).

Culotta V.C., J. Biol. Chem. 272:23469-23472(1997).

Halleck A., Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.

Casareno R.L.B., J. Biol. Chem. 273:23625-23628(1998).

---

Note: This product is for in vitro research use only