

CPN2 Antibody

Catalog No: #34551



Package Size: #34551-1 50ul #34551-2 100ul

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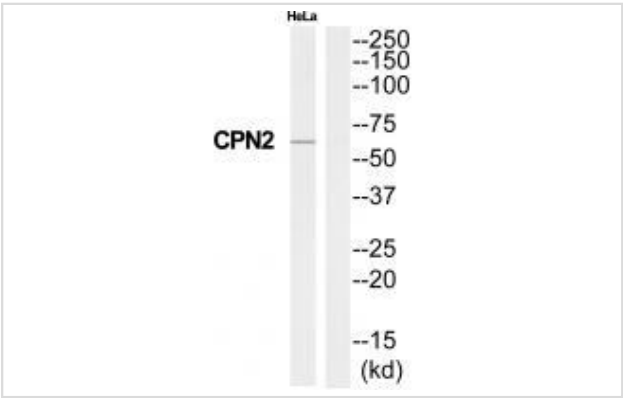
Description

|                       |                                                                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | CPN2 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                                                                                                                                                        |
| Specificity           | The antibody detects endogenous levels of total CPN2 protein.                                                                                             |
| Immunogen Type        | Peptide                                                                                                                                                   |
| Immunogen Description | Synthesized peptide derived from C-terminal of human CPN2.                                                                                                |
| Target Name           | CPN2                                                                                                                                                      |
| Other Names           | ACBP; arginine carboxypeptidase (carboxypeptidase N); Carboxypeptidase N 83 kDa chain; Carboxypeptidase N large subunit; Carboxypeptidase N polypeptide 2 |
| Accession No.         | Swiss-Prot: P22792NCBI Gene ID: 1370                                                                                                                      |
| Uniprot               | P22792                                                                                                                                                    |
| GeneID                | 1370;                                                                                                                                                     |
| SDS-PAGE MW           | 61kd                                                                                                                                                      |
| Concentration         | 1.0mg/ml                                                                                                                                                  |
| Formulation           | Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), 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 HeLa cells, using CPN2 antibody #34551.

## Background

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The 83 kDa subunit binds and stabilizes the catalytic subunit at 37 degrees Celsius and keeps it in circulation. Under some circumstances it may be an allosteric modifier of the catalytic subunit.

Tan F., J. Biol. Chem. 265:13-19(1990).

Muzny D.M., Nature 440:1194-1198(2006).

Skidgel R.A., Biochem. Biophys. Res. Commun. 154:1323-1329(1988).

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Note: This product is for in vitro research use only