

Product datasheet

COP overexpression 293T lysate (whole cell) ab94203

2 Images

Overview

Product name	COP overexpression 293T lysate (whole cell)
General notes	ab94203 is a 293T cell transfected lysate in which Human COP has been transiently over-expressed using a pCMV-COP plasmid. The lysate is provided in 1 x Sample Buffer.
Tested applications	Suitable for: WB

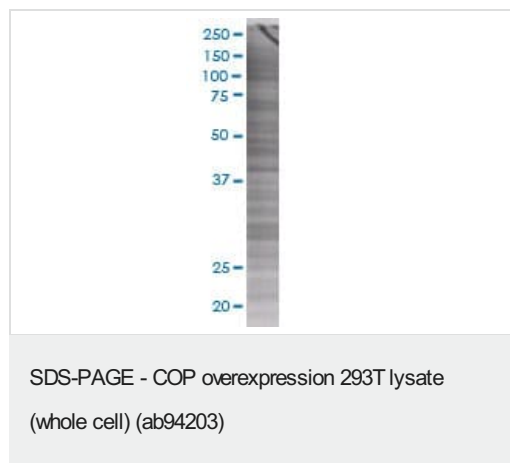
Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
Background	Function: Caspase inhibitor. Acts as a regulator of procaspase-1/CASP1 activation implicated in the regulation of the proteolytic maturation of pro-interleukin-1 beta (IL1B) and its release during inflammation. Inhibits the release of IL1B in response to LPS in monocytes. Also induces NF-kappa-B activation during the pro-inflammatory cytokine response. Also able to inhibit CASP1-mediated neuronal cell death, TNF-alpha, hypoxia-, UV-, and staurosporine-mediated cell death but not ER stress-mediated cell death. Acts by preventing activation of caspases CASP1 and CASP4, possibly by preventing the interaction between CASP1 and RIPK2. Tissue specificity: Widely expressed. Expressed at higher level in placenta, spleen, lymph node and bone marrow. Weakly or not expressed in thymus. Similarity: Contains 1 CARD domain.

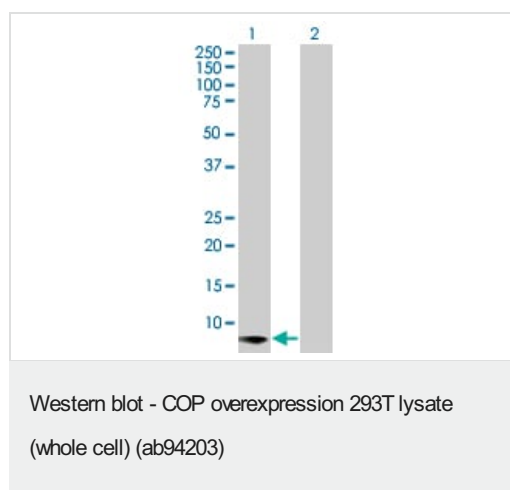
Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab94203 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution.



ab94203 at 15µg/lane on an SDS-PAGE gel.



All lanes : Anti-COP antibody (**ab57714**) at 1/500 dilution

Lane 1 : COP overexpression 293T lysate (whole cell) (ab94203)

Lane 2 : 293T non-transfected lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-mouse IgG (H and L) HRP conjugated at 1/2500 dilution

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