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CROP Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP9722c

Specification

CROP Antibody (Center) Blocking Peptide - Product Information

Primary Accession O95232

CROP Antibody (Center) Blocking Peptide - Additional Information

Gene ID 51747

Other Names
Luc7-like protein 3, Cisplatin resistance-associated-overexpressed protein, Luc7A, Okadaic acid-inducible phosphoprotein OA48-18, cAMP regulatory element-associated protein 1, CRE-associated protein 1, CREAP-1, LUC7L3, CREAP1, CROP, O48

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CROP Antibody (Center) Blocking Peptide - Protein Information

Name LUC7L3

Synonyms CREAP1, CROP, O48

Function
Binds cAMP regulatory element DNA sequence. May play a role in RNA splicing.

Cellular Location
Nucleus speckle. Note=The subnuclear localization is affected by cisplatin

Tissue Location
Widely expressed. Highest levels in heart, brain, pancreas, thymus, ovary, small intestine and peripheral blood leukocytes, as well as cerebellum, putamen and pituitary gland. Lowest levels in lung, liver and kidney. Also expressed in fetal tissues, including brain, heart, kidney, thymus and lung

CROP Antibody (Center) Blocking Peptide - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

CROP Antibody (Center) Blocking Peptide - Images

CROP Antibody (Center) Blocking Peptide - Background

CROP is a protein with an N-terminal half that contains cysteine/histidine motifs and leucine zipper-like repeats, and the C-terminal half is rich in arginine and glutamate residues (RE domain) and arginine and serine residues (RS domain). This protein localizes with a speckled pattern in the nucleus, and could be involved in the formation of splicesome via the RE and RS domains.

CROP Antibody (Center) Blocking Peptide - References

Webby, C.J., et al. Science 325(5936):90-93(2009)Zhou, A., et al. Mol. Cell. Biol. 28(19):5924-5936(2008)Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)