

CROP Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9722c**Specification**

CROP Antibody (Center) Blocking Peptide - Product InformationPrimary 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

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 spliceosome 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)