

CROP Rabbit pAb

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Catalog # AP55404

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	O95232
Reactivity	Rat, Mouse
Predicted	Pig, Human, Chicken, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51466
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CROP
Epitope Specificity	31-130/432
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus speckle. The subnuclear localization is affected by cisplatin.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes 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. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Aug 2009]

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
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

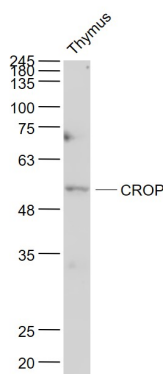
Protein Information

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

Background

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Images



Sample:

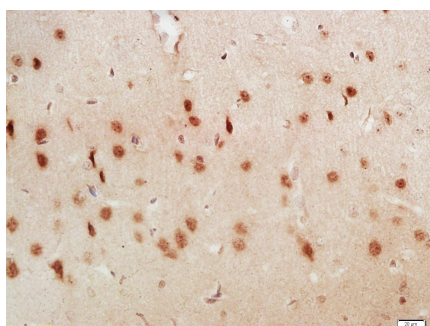
Thymus (Mouse) Lysate at 40 ug

Primary: Anti- CROP (AP55404) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 51 kD

Observed band size: 53 kD



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-CROP Polyclonal Antibody, Unconjugated(AP55404) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.