10320 Camino Santa Fe, Suite G
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CROP Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55404

Specification

CROP Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IHC-F, IF, ICC, E**
Primary Accession	O95232
Reactivity	**Rat, Pig, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**51466**

CROP Polyclonal Antibody - 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~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ 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 ℃.

CROP Polyclonal Antibody - 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

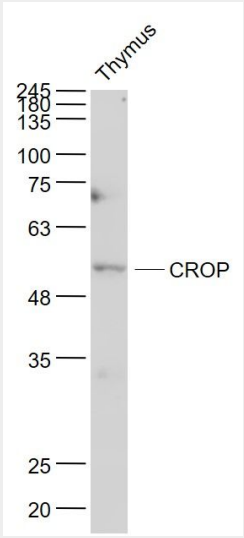
Tissue Location
Widely expressed. Highest levels in heart, brain, pancreas, thymus, ovary, small intestine and peripheral blood leukocytes, as well as cerebellum, putamen and pituitary gland. Lowest levels in lung, liver and kidney. Also expressed in fetal tissues, including brain, heart, kidney, thymus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

CROP Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CROP Polyclonal Antibody - Images



Sample:
Thymus (Mouse) Lysate at 40 ug
Primary: Anti- CROP (bs-14067R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 51 kD
Observed band size: 53 kD

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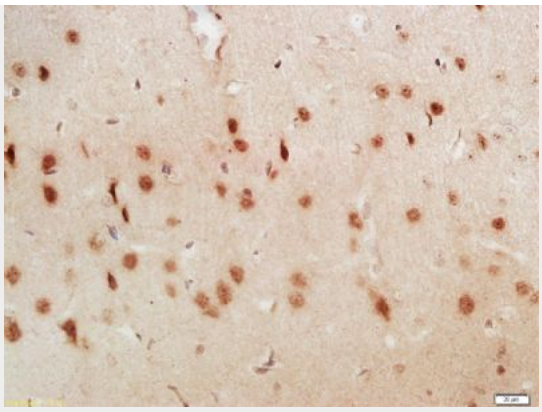

Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-CROP Polyclonal Antibody, Unconjugated(bs-14067R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining