

For Research Use Only

CROP Polyclonal antibody

Catalog Number: 14504-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 14504-1-AP	GenBank Accession Number: BC056409	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 500 µg/ml by Nanodrop and 280 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51747	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: cisplatin resistance-associated overexpressed protein	IHC 1:20-1:200 IF 1:50-1:500
Isotype: IgG	Calculated MW: 51 kDa	
Immunogen Catalog Number: AG5961	Observed MW: 55-58 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: WB	WB: Jurkat cells, HepG2 cells, mouse brain tissue
Species Specificity: human, mouse	IP: HepG2 cells,
Cited Species: human	IHC: human pancreas cancer tissue, human ovary tissue
	IF: HepG2 cells,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

CROP, a putative SR protein, contains cystine/histidine motifs and leucine zipper-like repeats in the N-terminal half and consists mostly of charged and polar amino acids in the C-terminal half. CROP has a high expression in heart, brain, pancreas, thymus, and weak in lung, liver and kidney. As the human homologue of yeast Luc7p, CROP is supported to be participated in 5'-splice site recognition and is essential for vegetative growth. This is a rabbit polyclonal antibody raised against part of N-terminus of CROP of human origin, and can recognize a ~58kDa band of CROP.

Notable Publications

Author	Pubmed ID	Journal	Application
Emily M Schleicher	33137164	PLoS Genet	WB
Noah J Daniels	33852859	Cell Rep	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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