

For Research Use Only

CREG1 Polyclonal antibody

Catalog Number: 12220-1-AP **6 Publications**



Basic Information

Catalog Number:

12220-1-AP

Size:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2901

GenBank Accession Number:

BC008628

GeneID (NCBI):

8804

UNIPROT ID:

O75629

Full Name:

cellular repressor of E1A-stimulated genes 1

Calculated MW:

220 aa, 24 kDa

Observed MW:

32 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

Positive Controls:

WB : Jurkat cells, K-562 cells, mouse spleen tissue

Background Information

CREG1 (Cellular repressor of E1A-stimulated genes 1) shares limited sequence similarity with E1A and binds both the general transcription factor TBP and the tumor suppressor pRb in vitro (PMID:9710587). The monomers of CREG can associate into dimers and the dimerization is observed not only in the crystal but also in solution (PMID:16344469). The cellular repressor of E1A-stimulated genes (CREG) is a secreted glycoprotein that inhibits cell proliferation and/or enhances differentiation. CREG is widely expressed in adult tissues such as the brain, heart, lungs, liver, intestines and kidneys in mice (PMID:20857207).

Notable Publications

Author	Pubmed ID	Journal	Application
Tatsuya Kusudo	34647124	J Biochem	WB, IHC
Yong Zhang	34734480	J Cell Mol Med	WB
Michihiro Hashimoto	30917000	FASEB J	

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

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

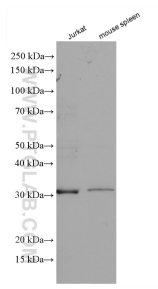
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12220-1-AP (CREG1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.