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# **Human CREG/CREG1 antibody**

Catalog Number: ATGA0328

## **PRODUCT INFORMATION**

## Catalog number

ATGA0328

#### Clone No.

AT1C6

#### **Product type**

Monoclonal Antibody

#### UnitProt No.

075629

#### **NCBI Accession No.**

NP 003842

#### **Alternative Names**

Cellular repressor of E1A-stimulated genes 1, CREG

## **PRODUCT SPECIFICATION**

## **Antibody Host**

Mouse

#### **Reacts With**

Human

#### Concentration

1mg/ml (determined by BCA assay)

#### **Formulation**

Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

#### **Immunogen**

Recombinant human CREG1 (32-220aa) purified from E. coli

## Isotype

IgG2b kappa

## **Purification Note**

By protein-A affinity chromatography

## **Application**

ELISA, WB

#### Usage

The antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

#### Storage



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Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## **BACKGROUND**

## **Description**

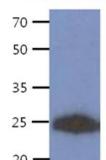
CREG1 activity may contribute to the transcriptional control of cell growth and differentiation. Antagonizes transcriptional activation and cellular transformation by the adenovirus E1A protein. CREG1 is broadly expressed in adult tissues and is regulated during embryonic development. CREG1 is a secreted glycoprotein which enhances differentiation of mouse embryonic stem cells and human NTERA-2 cells.

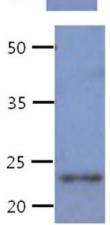
## **General References**

Veal E., et al. (1998) Mol Cell Biol 18(9): 5032-5041. Veal E., et al. (2000) Oncogene 19(17): 2120-2128.

## **DATA**

# Western blot analysis (WB) Mouse lung





The tissue lysate of mouse lung (40ug) was resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human CREG1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

The Recombinant protein (50ng) was resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human CREG1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

