

# **LUCA15 Polyclonal Antibody**

#### Description

Product type Primary Antibody

Code BT-AP05113

Host Rabbit

Isotype IgG

**Size** 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human RBM5. AA range:226-275

Mol wt 92154

Species reactivity Human, Mouse

**Clonality** Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name LUCA15 Antibody

Synonyms RBM5; H37; LUCA15; RNA-binding protein 5; Protein G15; Putative tumor suppressor LUCA15; RNA-

binding motif protein 5; Renal carcinoma antigen NY-REN-9

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

#### Background

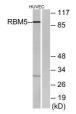
RBM5 is a candidate tumor suppressor gene which encodes a nuclear RNA binding protein that is a component of the spliceosome A complex. RNA-binding protein 5 plays a role in the induction of cell cycle arrest and apoptosis through pre-mRNA splicing of multiple target genes including the tumor suppressor protein p53. RBM5 is located within the tumor suppressor region 3p21., and may play a role in the inhibition of tumor transformation and progression of several malignancies including lung cancer.

## Recommended Dilution

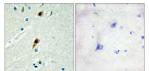
WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 10000

Not yet tested in other applications.

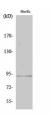
## Images



Western blot analysis of lysates from HUVEC cells, using RBM5 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using RBM5 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using LUCA15 Polyclonal Antibody cells nucleus.

### Storage

-20°C for one year

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