

# MEIS1 Rabbit pAb

Catalog No.: A18273 **2 Publications**

## Basic Information

### Observed MW

51kDa

### Calculated MW

43kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

Homeobox genes, of which the most well-characterized category is represented by the HOX genes, play a crucial role in normal development. In addition, several homeoproteins are involved in neoplasia. This gene encodes a homeobox protein belonging to the TALE ('three amino acid loop extension') family of homeodomain-containing proteins.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IF/ICC** 1:50 - 1:200

## Immunogen Information

### Gene ID

4211

### Swiss Prot

O00470

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 300-390 of human MEIS1 (NP\_002389.1).

### Synonyms

MEIS1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

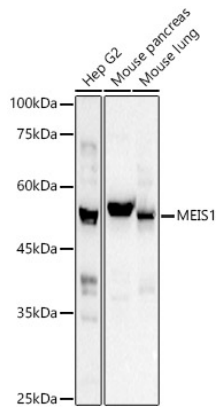
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

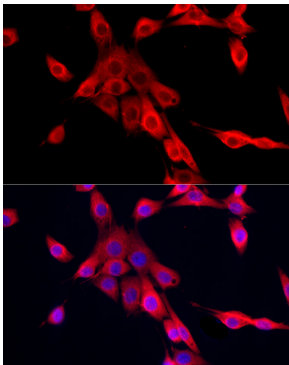
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

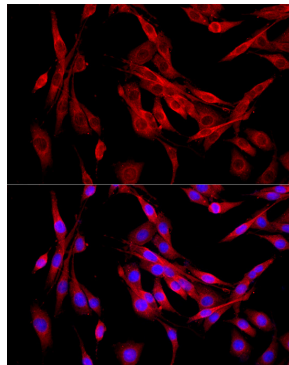
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Western blot analysis of various lysates using MEIS1 Rabbit pAb (A18273) at 1:900 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.  
Lysates / proteins: 25 µg per lane.  
Blocking buffer: 3 % nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 20s.



Immunofluorescence analysis of NIH/3T3 cells using MEIS1 Rabbit pAb (A18273) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using MEIS1 Rabbit pAb (A18273) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.