# Phospho-HDAC5 (Ser498) Polyclonal Antibody

**catalog number: E-AB-20888**

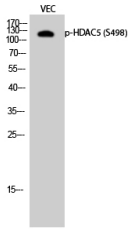
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

| | |
|---|---|
| **Reactivity** | Human;Mouse |
| **Immunogen** | Synthesized peptide derived from human HDAC5 around the phosphorylation site of Ser498 |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Purification** | Affinity purification |
| **Buffer** | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol. |

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:500-1:2000 |
| **IHC** | 1:100-1:300 |
| **IF** | 1:200-1:1000 |

## Data




Western Blot analysis of VEC cells with Phospho-HDAC5 (Ser498) Polyclonal Antibody at dilution of 1:500

**Observed-MW:122 kDa**

**Calculated-MW:122 kDa**

## Preparation & Storage

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|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| **Shipping** | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

## Background

Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexe s. Involved in muscle maturation by repressing transcription of myocyte enhancer MEF2C. During muscle differentiatio n, it shuttles into the cytoplasm, allowing the expression of myocyte enhancer factors.



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