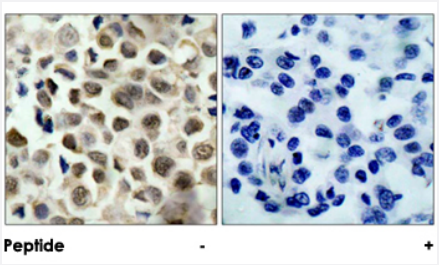
# HDAC8 (phospho S39) polyclonal antibody

Catalog # PAB25434 Size 100 ug

## Applications




### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue, using HDAC8 (phospho S39) polyclonal antibody (Cat # PAB25434).

## Specification

| | |
|---|---|
| **Product Description** | Rabbit polyclonal antibody raised against synthetic phosphopeptide of HDAC8. |
| **Immunogen** | Synthetic phosphopeptide corresponding to residues surrounding S39 of human HDAC8. |
| **Sequence** | R-A-Sp-M-V |
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Form** | Liquid |
| **Purification** | Affinity purification |
| **Recommend Usage** | Immunohistochemistry (1:50-1:100)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS (without $Mg^{2+}$ and $Ca^{2+}$), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide) |
| **Storage Instruction** | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |

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|---|---|
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue, using HDAC8 (phospho S39) polyclonal antibody (Cat # PAB25434).

## Gene Info — HDAC8

| | |
|---|---|
| **Entrez GeneID** | 55869 |
| **Protein Accession#** | Q9BY41 |
| **Gene Name** | HDAC8 |
| **Gene Alias** | HDACL1, RPD3 |
| **Gene Description** | histone deacetylase 8 |
| **Omim ID** | 300269 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription fa ctor access to DNA. The protein encoded by this gene belongs to class I of the histone deacetyla se/acuc/apha family. It has histone deacetylase activity and represses transcription when tethered to a promoter. [provided by RefSeq |
| **Other Designations** | histone deacetylase-like 1 |

## Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema

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