

**Manufacturer/Supplier:**

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**Product name:** Rabbit anti-Histone Deacetylase 3 (pS424)  
Antibody

**Catalog:** DL93668A

**Synonyms:** Histone deacetylase 3; HD3; RPD3-2; SMAP45

**Immunogen:** KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Histone Deacetylase 3. The exact sequence is proprietary.

**Form:** Liquid

**Concentration:** 1mg/mL

**Size:** 100 ul/50 ul

**Host:** Rabbit

**Reactivity:**  
Human, Mouse, Rat, Chicken

**Application:** WB, IHC, IF/IC

**Clonality:** Polyclonal

**Dilution:** WB (1/500 - 1/1000),  
IHC (1/100 - 1/200), IF/IC (1/100 -  
1/500)

**Entrez Gene:** 8841/84578

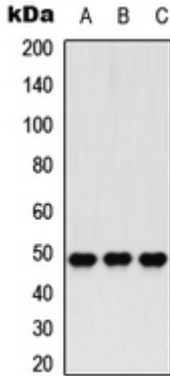
**SwissProt:** O15379/O88895/Q6P6W3

**Purification:** The antibody was purified by immunogen affinity chromatography.

**Buffer:** Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

**WB description:**

Western blot analysis of Histone Deacetylase 3 (pS424) expression in Hela (A), K562 (B), NIH3T3 (C) whole cell lysates.

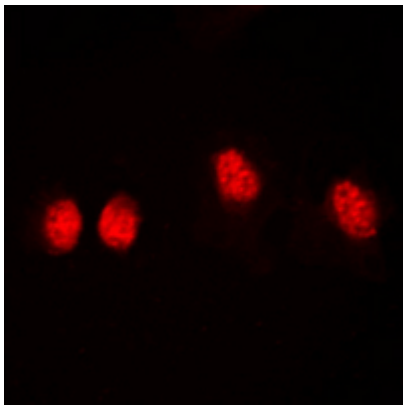


### IHC description:

Immunohistochemical analysis of Histone Deacetylase 3 (pS424) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

### IF/ICC description:

Immunofluorescent analysis of Histone Deacetylase 3 (pS424) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with



**Storage:**

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