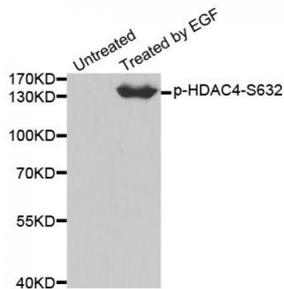


## HDAC4 (pS632) Antibody

Catalogue No.: abx000407



Western blot analysis of extracts from 293 cells using Phospho-HDAC4-S632 antibody (abx000407).

HDAC4 (pS632) Antibody is a Rabbit Polyclonal antibody against HDAC4 (pS632). Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class II of the histone deacetylase/acuc/apha family. It possesses histone deacetylase activity and represses transcription when tethered to a promoter. This protein does not bind DNA directly, but through transcription factors MEF2C and MEF2D. It seems to interact in a multiprotein complex with RbAp48 and HDAC3.

**Target:** HDAC4 (pS632)

**Reactivity:** Human, Mouse, Rat

**Host:** Rabbit

**Clonality:** Polyclonal

**Tested Applications:** WB

**Recommended dilutions:** WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** Synthetic Peptide. A phospho specific peptide corresponding to residues surrounding S632 of human HDAC4.

**Purification:** Affinity purified.

**Form:** Liquid

**Isotype:** IgG

**Conjugation:** Unconjugated

**Storage:** Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

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**Molecular Weight:** Calculated MW: 106 kDa/119 kDa  
Observed MW: 140 kDa

**Swiss Prot:** [P56524](#)

**GeneID:** [9759](#)

**Gene Symbol:** HDAC4

**Concentration:** > 1 mg/ml

**Buffer:** PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

**Note:** This product is for research use only.