

## Anti-Phospho-HDAC4-Ser632 antibody (570-650) (STJ90285)

STJ90285

### GENERAL INFORMATION

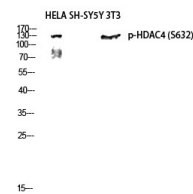
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Phospho-Histone Deacetylase 4-Ser632 (570-650) is suitable for use in Western Blot and ELISA research applications.
<b>Applications</b>	WB, ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat

### PRODUCT PROPERTIES

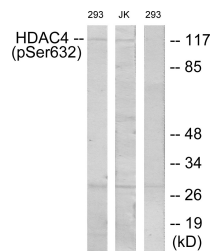
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
<b>Dilution Range</b>	WB 1:500-1:2000 ELISA 1:20000
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	9759
<b>Gene Symbol</b>	HDAC4
<b>Uniprot ID</b>	HDAC4_HUMAN
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human HDAC4 around the phosphorylation site of Ser632 at amino acid range 598-647
<b>Immunogen Region</b>	570-650
<b>Specificity</b>	Phospho-HDAC4-Ser632 polyclonal antibody (Histone Deacetylase 4) binds to endogenous Histone Deacetylase 4 at the amino acid region 570-650 only when phosphorylated at Ser632.
<b>Immunogen Sequence</b>	



Western blot analysis of HELA SH-SY5Y 3T3 lysis using Phospho-HDAC4 (S632) antibody. Antibody was diluted at 1:1000



Western blot analysis of lysates from 293 cells treated with etoposide 25uM 1hour and Jurkat cells treated with etoposide 25uM 24hours, using HDAC4 (Phospho-Ser632) Antibody. The lane on the right is blocked with the phospho peptide.



Western blot analysis of various cells using Phospho-HDAC4 (S632) Polyclonal Antibody diluted at 1:1000