

## Anti-SHCA (Phospho-Y427) Antibody

Catalog #	Source	Reactivity	Applications
CPA7132	Rabbit	H, M, R, B	WB, IH
<b>Description</b>	Rabbit polyclonal antibody to SHCA (Phospho-Y427)		
<b>Immunogen</b>	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding Y427 of human SHCA protein. The exact sequence is proprietary.		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of SHCA protein only when phosphorylated at Y427.		
<b>Clonality</b>	Polyclonal		
<b>Conjugation</b>			
<b>Form</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/500 - 1/1000), IH (1/100 - 1/200)		
<b>Gene Symbol</b>	SHC1		
<b>Alternative Names</b>	SHC; SHCA; SHC-transforming protein 1; SHC-transforming protein 3; SHC-transforming protein A; Src homology 2 domain-containing-transforming protein C1; SH2 domain protein C1		
<b>Entrez Gene</b>	6464 (Human); 20416 (Mouse); 85385 (Rat)		
<b>SwissProt</b>	P29353 (Human); P98083 (Mouse); Q5M824 (Rat)		
<b>Storage/Stability</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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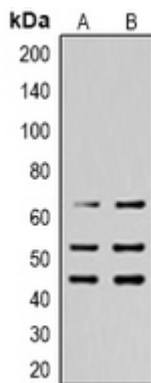
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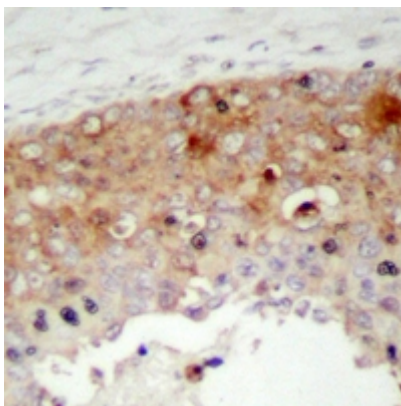
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## Product Data Sheet



Western blot analysis of SHCA (Phospho-Y427) expression in HeLa (A), HEK293T (B) whole cell lysates. (Predicted band size: 62 kD; Observed band size: 46; 52; 66 kD)



Immunohistochemical analysis of SHCA (Phospho-Y427) staining in human prostate 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.

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