





# **CREST Polyclonal Antibody**

Catalog Number PA5-30500 Product data sheet

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Details	
Size	100 μL
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Туре	Antibody
Immunogen	Recombinant protein fragment corresponding to a region within amino acids 1 and 277 of Human CREST
Conjugate	Unconjugated
Form	Liquid
Concentration	0.73 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.1M tris glycine, pH 7, with 20% glycerol
Contains	0.01% thimerosal
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Species Reactivity	
Species reactivity	Human, Mouse
Tested Applications	Dilution *
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Immunoprecipitation (IP)	1:100-1:500
Western Blot (WB)	1:500-1:3,000
Immunocytochemistry (ICC/IF)	1:100-1:1,000

<sup>\*</sup> Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

#### Product specific information

Recommended positive controls: HeLa, HeLa nucleus, mouse brain. Predicted reactivity: Human (99%), Mouse (88%), Rat (80%), Bovine (82%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

## Background/Target Information

Synovial sarcomas occur most frequently in the extremities around large joints. More than 90% of cases have a recurrent and specific chromosomal translocation, t(X;18)(p11.2;q11.2), in which the 5-prime end of the SS18 gene (MIM 600192) is fused in-frame to the 3-prime end of the SSX1 (MIM 312820), SSX2 (MIM 300192), or SSX4 (MIM 300326) gene. The SS18L1 gene is homologous to SS18.

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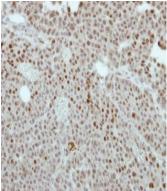
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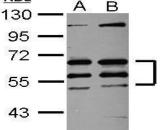
### **Product Images For CREST Polyclonal Antibody**



#### CREST Antibody (PA5-30500) in IHC (P)

Immunohistochemical analysis of paraffin-embedded Huh-7 xenograft, using CREST (Product # PA5-30500) antibody at 1:500 dilution. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.

# CREST Antibody (PA5-30500) in WB



**KDa** 

34

26

Western Blot using CREST Polyclonal Antibody (Product # PA5-30500). Sample (20  $\mu$ g ). Lane A: Hela whole cell lysate. Lane B: HeLa nucleus 10% SDS PAGE. CREST Polyclonal Antibody (Product # PA5-30500) diluted at 1:1,000.

# KDa 130 — A 95 — 72 — 55 — 43 — 34 —

#### CREST Antibody (PA5-30500) in WB

Western Blot using CREST Polyclonal Antibody (Product # PA5-30500). Sample (50  $\mu$ g of whole cell lysate). Lane A: mouse brain. 10% SDS PAGE. CREST Polyclonal Antibody (Product # PA5-30500) diluted at 1:1,000.

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