

## Product Data Sheet

## Anti-HSC70 Antibody

Catalog #	Source	Reactivity	Applications
CPA9397	Rabbit	H, M, R	WB, IH
<b>Description</b>	Rabbit polyclonal antibody to HSC70		
<b>Immunogen</b>	Recombinant protein corresponding to human HSC70.		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of HSC70 protein.		
<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 (1/1000 - 1/2000), IH (1/200 - 1/500)		
<b>Gene Symbol</b>	HSPA8		
<b>Alternative Names</b>	HSC70; HSP73; HSPA10; Heat shock cognate 71 kDa protein; Heat shock 70 kDa protein 8; Lipopolysaccharide-associated protein 1; LAP-1; LPS-associated protein 1		
<b>Entrez Gene</b>	3312 (Human)		
<b>SwissProt</b>	P11142 (Human)		
<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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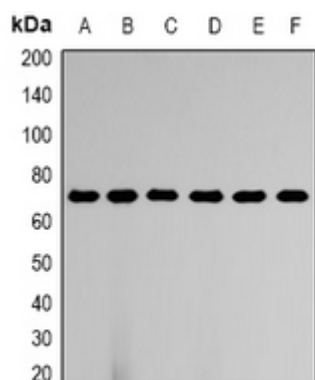
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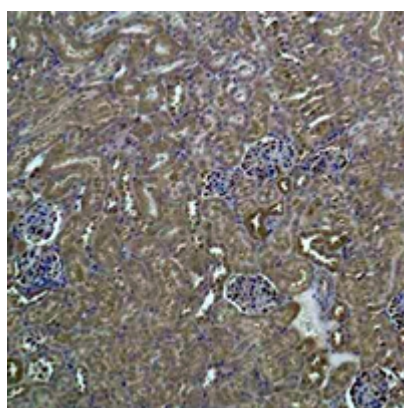
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Western blot analysis of HSC70 expression in Hela (A), HepG2 (B), Raw264.7 (C), mouse brain (D), rat brain (E), rat liver (F) whole cell lysates. (Predicted band size: 70 kD; Observed band size: 70-72 kD)



Immunohistochemical analysis of HSC70 staining in mouse kidney 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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