

# Cathepsin B Antibody

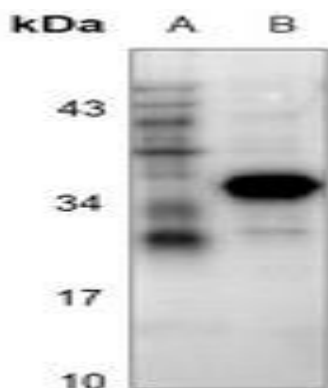
## Basic information:

<b>Catalog No.:</b>	UPA03890	<b>Source:</b>	Rabbit
<b>Size:</b>	50ul/100ul	<b>Clonality:</b>	Polyclonal
<b>Concentration:</b>	1mg/ml	<b>Isotype:</b>	IgG
<b>Purification:</b>	The antibody was purified by immunogen affinity chromatography.		

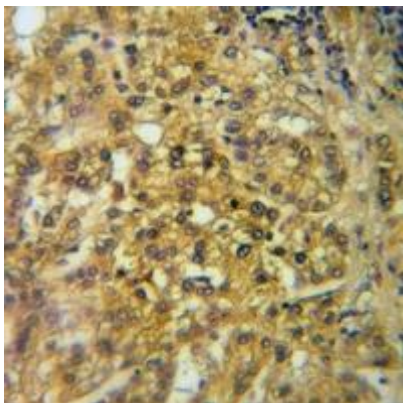
## Useful Information:

<b>Applications:</b>	WB (1:500 - 1:1000), IHC (1:50 - 1:100)
<b>Reactivity:</b>	Human, Mouse, Rat, Monkey
<b>Specificity:</b>	Recognizes endogenous levels of Cathepsin B protein.
<b>Immunogen:</b>	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cathepsin B. The exact sequence is proprietary.
<b>Description:</b>	Rabbit polyclonal antibody to Cathepsin B
<b>Uniprot:</b>	P07858
<b>BiowMW:</b>	Refer to Figures
<b>Buffer:</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% Thimerosal.
<b>Storage:</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
<b>Note:</b>	For research use only, not for use in diagnostic procedure.

## Data:



Western blot analysis of Cathepsin B expression in HCT116 (A), rat lung (B) whole cell lysates. (Predicted band size: 37 kD; Observed band size: 25; 38 kD)



Immunohistochemical analysis of Cathepsin B staining in human liver 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.