

Product Datasheet

Cathepsin L Rabbit Polyclonal Antibody (orb10252)

Catalog Number	orb10252
Category	Antibodies
Description	Cathepsin L Rabbit Polyclonal Antibody
Target	CTSL
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Rat
Predicted Reactivity	Mouse
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human cathepsin L1 proprotein (71-170/334aa)
UniProt ID	P07711
RRID	AB_10746537

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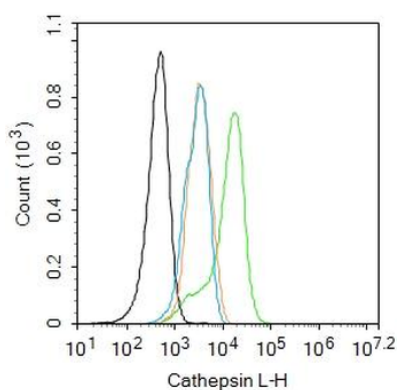
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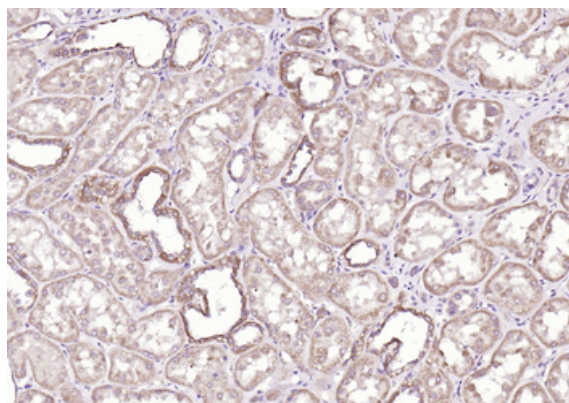
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MW	19/30/37 kDa
Tested applications	FC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1ug/Test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control: A549. Primary Antibody (green line): Rabbit Anti-Cathepsin L antibody (orb10252), Dilution: 1 ug/Test, Secondary Antibody: Goat anti-rabbit IgG-FITC, Dilution: 0.5 ug/Test. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Paraformaldehyde-fixed, paraffin embedded (Human kidney), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Cathepsin L) Polyclonal Antibody, Unconjugated (orb10252) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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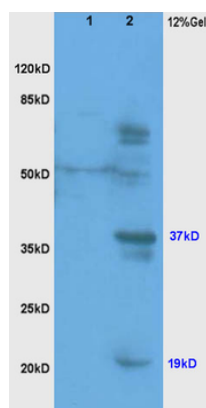
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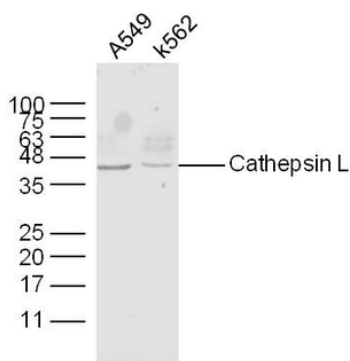
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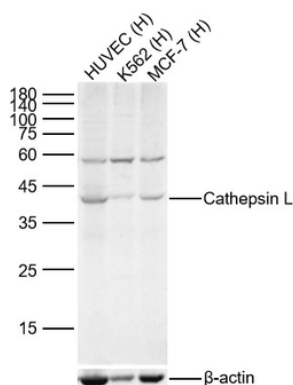
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Protein: line1, rat brain lysates, 30 ug, line2, rat liver lysates, 30 ug, Primary: Anti-Cathepsin L (orb10252) at 1:200, Secondary: HRP conjugated Goat-Anti-Rabbit IgG (orb572747) at 1: 3000, ECL excited the fluorescence, Predicted band size: 37kD, Observed band size: 19kD, 37kD.



Sample: A549 Cell (Human) Lysate at 30 ug, K562 Cell (Human) Lysate at 30 ug, Primary: Anti-Cathepsin L (orb10252) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 19/30/37 kD, Observed band size: 40 kD.



Sample: Lane 1: Human HUVEC cell Lysates, Lane 2: Human K562 cell Lysates, Lane 3: Human MCF-7 cell Lysates, Primary: Anti-Cathepsin L (orb10252) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 19/30/37kDa, Observed band size: 40kDa.

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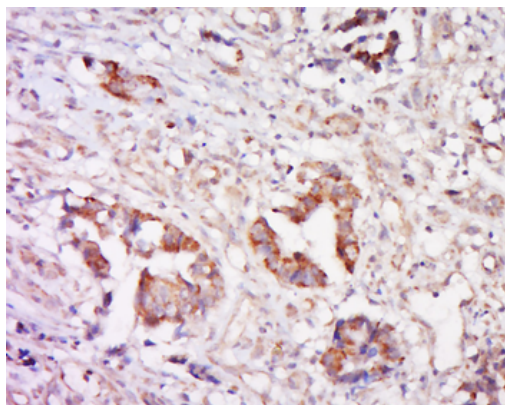
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Tissue/cell: human cervical carcinoma, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Cathepsin Polyclonal Antibody, Unconjugated (orb10252) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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