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Anti-Pepsinogen C Antibody

Catalog # AP59659

Product Information

Application	WB, IHC, IF/IC
Primary Accession	P20142
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42426

Additional Information

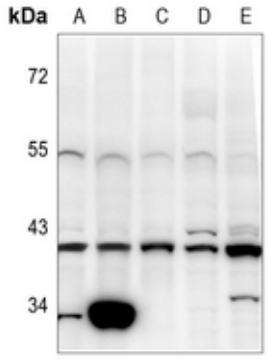
Gene ID	5225
Other Names	Gastricsin; Pepsinogen C
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Pepsinogen C. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

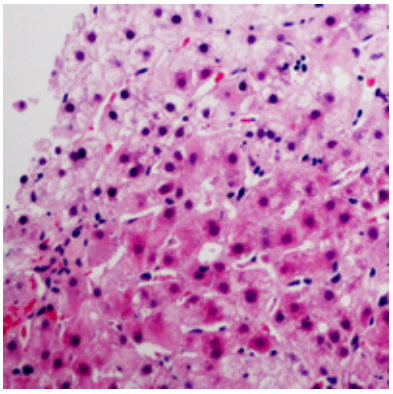
Protein Information

Name	PGC
Function	Hydrolyzes a variety of proteins.
Cellular Location	Secreted.

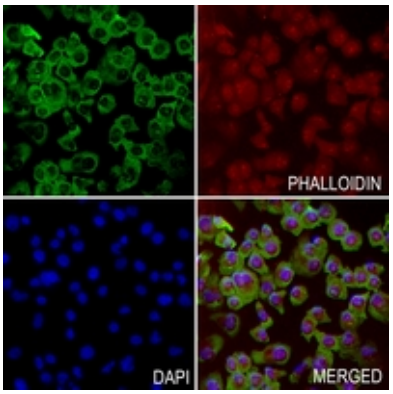
Images

Western blot analysis of Pepsinogen C expression in HepG2 (A), LO2 (B), SGC7901 (C), AML12 (D), PC12 (E) whole cell lysates. (Predicted band size: 42 kD; Observed band size: 42; 34 kD)

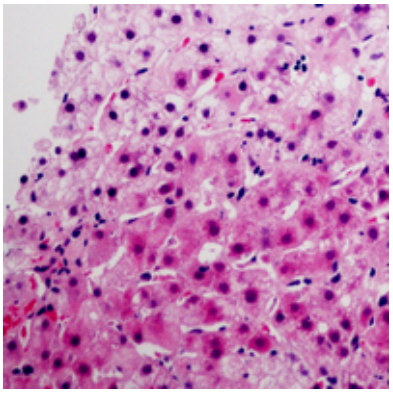




Immunohistochemical analysis of Pepsinogen C staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. AEC was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of Pepsinogen C staining in PANC1 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.