

Anti-Kallikrein 3 Antibody

Catalog # AP53304

Product Information

Application	WB, IF/IC
Primary Accession	P07288
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28741

Additional Information

Gene ID	354
Other Names	APS; Prostate-specific antigen; PSA; Gamma-seminoprotein; Semin; Kallikrein-3; P-30 antigen; Semenogelase
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Kallikrein 3. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 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

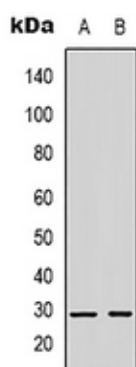
Protein Information

Name	KLK3
Synonyms	APS
Function	Hydrolyzes semenogelin-1 thus leading to the liquefaction of the seminal coagulum.
Cellular Location	Secreted.

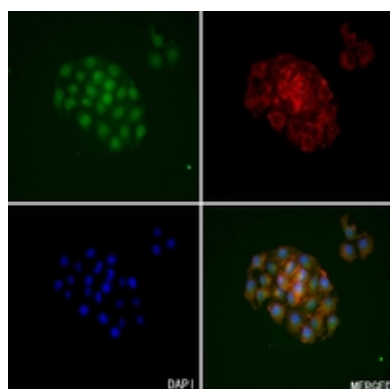
References

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Digby M.R.,et al.Nucleic Acids Res. 17:2137-2137(1989).
Klobeck H.-G.,et al.Nucleic Acids Res. 17:3981-3981(1989).
Lundwall A.,et al.Biochem. Biophys. Res. Commun. 161:1151-1159(1989).

Images



Western blot analysis of Kallikrein 3 expression in PC3 (A), NIH3T3 (B) whole cell lysates. (Predicted band size: 28 kD; Observed band size: 29 kD)



Immunofluorescent analysis of Kallikrein 3 staining in MCF7 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 humidified 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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