

Anti-Hippostatin/KLK11 Antibody

ORDERING INFORMATION

Catalog No.: 34008

Size: 100 ug IgG in PBS, pH 7.4, purified by immunoaffinity chromatography.

BACKGROUND

Hippostatin, also known as KLK11, is a kallikrein-like serine protease, which has two alternatively spliced isoforms, brain-type and prostate-type. Hippostatin plays a role in the prostate, including reproductive and/or tumorigenic functions. Elevated serum levels of KLK11 were found in 70% of women with ovarian cancer and in 60% of men with prostate cancer. Analysis of the KLK11 biomarker in serum may aid in the diagnosis and monitoring of ovarian and prostatic carcinoma.

SPECIFICATION SUMMARY

Immunogen: Synthetic peptide corresponding to aa residues 68-82 (YIVHLGQHNLQKEEG) of human Hippostatin conjugated to KLH at the C-terminus.

Host Species: Rabbit

Stabilizers: None

Preservatives: None. Available on request.

SPECIFICITY

This antibody recognizes human hippostatin/KLK11 (35 kDa) which has 86% sequence homology with mouse and rat.

APPLICATIONS

Immunoblotting : use at 1:500 dilution.

Positive control: LNCaP cell lysate

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

BACKGROUND REFERENCES:

Diamandis, E.P. et al. (2002) Cancer Res. **62**: 295-300.

Nakamura, T et al. (2003) Prostate **54**: 299-305.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.