



Kallikrein 11 (KLK11, Hippostasin, Protease Serine 20 Trypsin-like, PRSS20, Trypsin-like Serine Protease, TLSP) discontinued

Catalog number

K0005-14H

Supplier

United States Biological

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 hK11 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.

Applications

Suitable for use in Western Blot. Other applications not tested.

Recommended Dilution

Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C for short-term only. For long-term storage and to avoid repeated freezing and thawing, aliquot Store at -20°C. Aliquots are stable for at least 12 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Immunogen

Residues 68-82 [YIVHLGQHNLQKEEG] of the 35 kDa human hippostasin/KLK11protein. Sequence identity to mouse and rat: 86%.

Formulation

As reported

Purity

Purified by immunoaffinity chromatography.

Specificity

This antibody is specific for Hippostatin/KLK11.

Product Type

Pab

Source

human

Isotype



IgG

Grade

Affinity Purified

Applications

WB

Crossreactivity

Hu

Storage

-20°C

Reference

1. Diamandis, E.P. et al. Cancer Res. 62 (1), 295-300 (2002).
2. Nakamura, T et al. Prostate. 54(4), 299-305 (2003).