

## Product Information

### Anti-Kallikrein 14 (KLK14)

Produced in rabbit, Affinity Isolated Antibody

Product Number **K 3139**

#### Product Description

Anti-Kallikrein 14 (KLK14) is produced in rabbit using as immunogen a peptide corresponding to the human Kallikrein 14 (KLK14) protein (amino acids 239-251). The antibody is affinity-purified using the immunizing peptide immobilized on agarose.

Anti-Kallikrein 14 (KLK14) reacts with amino acid residues 239-251 (KYRSWIEETMRDK) of human Kallikrein 14 (KLK14). The antibody may be used in immunoblotting (~27 kDa, calculated).

Kallikreins are a subgroup of serine proteases and are implicated in carcinogenesis. The novel KLK gene, KLK14, is expressed by both benign and malignant glandular epithelial cells, thus exhibiting an expression pattern similar to that of two other prostatic kallikreins, KLK2 and KLK3.

#### Reagent

The antibody is supplied as a solution of ~1 mg/mL in phosphate buffered saline containing 0.02% sodium azide.

#### Precautions and Disclaimer

Due to the sodium azide content a material safety sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS for information regarding hazardous and safe handling practices.

#### Storage/Stability

Store at -20 °C. The product may be stored at 2-8 °C for up to three months. For prolonged storage, freeze in working aliquots at -20 °C. Avoid repeated freezing and thawing. Do not store in a "frost-free" freezer.

#### Product Profile

For immunoblotting, a working antibody dilution of 1:500-1:1,000 is recommended.

Note: In order to obtain the best results in various techniques and preparations, we recommend determining optimal working dilutions by titration.

#### References

1. Hooper, J.D., et al., *Genomics*, **73**, 117-122 (2001).

KAA 10/05

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