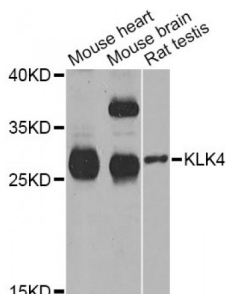


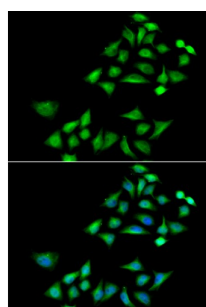
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Kallikrein 4 (KLK4) Antibody

Catalogue No.: abx005091



Western blot analysis of extracts of various cell lines, using KLK4 Antibody (abx005091) at 1/1000 dilution.



Immunofluorescence analysis of A549 cells using KLK4 antibody (abx005091). Blue: DAPI for nuclear staining.

KLK4 Antibody is a Rabbit Polyclonal antibody against KLK4. Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. In some tissues its expression is hormonally regulated. The expression pattern of a similar mouse protein in murine developing teeth supports a role for the protein in the degradation of enamel proteins. Alternate splice variants for this gene have been described, but their biological validity has not been determined.

Target: KLK4

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IF/ICC

Recommended dilutions: WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human KLK4.

Purification: Affinity purified.

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| | |
|--------------------------|---|
| Form: | Liquid |
| Isotype: | IgG |
| Conjugation: | Unconjugated |
| Storage: | Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles. |
| Molecular Weight: | Calculated MW: 11 kDa/27 kDa Observed MW: 27 kDa |
| Swiss Prot: | Q9Y5K2 |
| GeneID: | 9622 |
| Gene Symbol: | KLK4 |
| Concentration: | > 1 mg/ml |
| Buffer: | PBS, pH 7.3, 0.02% sodium azide, 50% glycerol. |
| Note: | This product is for research use only. |