

# Cleaved-KLK11 (I54) Polyclonal Antibody

Catalog # AP63130

## Product Information

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|                   |                        |
|-------------------|------------------------|
| Application       | WB, E                  |
| Primary Accession | <a href="#">Q9UBX7</a> |
| Reactivity        | Human, Rat, Mouse      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 31059                  |

## Additional Information

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|--------------------|--------------------------------------------------------------------------------------------------|
| Gene ID            | 11012                                                                                            |
| Other Names        | KLK11; PRSS20; TLSP; Kallikrein-11; hK11; Hippostasin; Serine protease 20; Trypsin-like protease |
| Dilution           | WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. E~~N/A   |
| Format             | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.                    |
| Storage Conditions | -20°C                                                                                            |

## Protein Information

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|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name              | KLK11                                                                                                                                                                                                                                                    |
| Synonyms          | PRSS20, TLSP                                                                                                                                                                                                                                             |
| Function          | Possible multifunctional protease. Efficiently cleaves 'bz-Phe-Arg-4-methylcoumaryl-7-amide', a kallikrein substrate, and weakly cleaves other substrates for kallikrein and trypsin. Cleaves synthetic peptides after arginine but not lysine residues. |
| Cellular Location | [Isoform 1]: Secreted.                                                                                                                                                                                                                                   |
| Tissue Location   | Expressed in brain, skin and prostate. Isoform 1 is expressed preferentially in brain. Isoform 2 is expressed in prostate Present in seminal plasma at concentrations ranging from 2 to 37 microg/mL (at protein level).                                 |

## Background

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Possible multifunctional protease. Efficiently cleaves 'bz-Phe-Arg-4-methylcoumaryl-7-amide', a kallikrein

substrate, and weakly cleaves other substrates for kallikrein and trypsin. Cleaves synthetic peptides after arginine but not lysine residues.

## Images

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Western Blot analysis of various cells using  
Cleaved-KLK11 (I54) Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.