

**Anti-Kallikrein 2 Picoband Antibody**  
Catalog # ABO10298**Specification****Anti-Kallikrein 2 Picoband Antibody - Product Information**

Application	WB, IHC-P, E
Primary Accession	<a href="#">P20151</a>
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

**Description**

Rabbit IgG polyclonal antibody for Kallikrein 2 detection. Tested with WB, IHC-P, Direct ELISA in Human.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-Kallikrein 2 Picoband Antibody - Additional Information**

Gene ID 3817

**Other Names**

Kallikrein-2, 3.4.21.35, Glandular kallikrein-1, hGK-1, Tissue kallikrein-2, KLK2

**Application Details**

Western blot, 0.1-0.5 µg/ml  
Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml  
Direct ELISA, 0.1-0.5 µg/ml

**Contents**

Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg NaN<sub>3</sub>.

**Immunogen**

E. coli-derived human Kallikrein 2 recombinant protein (Position: I25-P261).

**Cross Reactivity**

No cross reactivity with other proteins.

Storage

At -20°C; for one year. After reconstitution, at 4°C; for one month. It can also be aliquotted and stored frozen at -20°C; for a longer time. Avoid repeated freezing and thawing.

**Anti-Kallikrein 2 Picoband Antibody - Protein Information**

Name KLK2

**Function**

Glandular kallikreins cleave Met-Lys and Arg-Ser bonds in kininogen to release Lys-bradykinin.

**Anti-Kallikrein 2 Picoband Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-Kallikrein 2 Picoband Antibody - Images****Anti-Kallikrein 2 Picoband Antibody - Background**

KLK2(KALLIKREIN 2), also called GLANDULAR or PROSTATIC, is a protein that in humans is encoded by the KLK2 gene, and is particularly associated with prostatic tissue. The KLK2 is a member of glandular kallikrein gene family that comprises 25 to 30 highly homologous genes that encode specific proteases involved in the processing of biologically active peptides. The KLK2 gene is mapped to 19q13.33. And the KLK2 gene contains 5 exons. An alternative KLK2 transcript, which they call KLK2-linked molecule (KLM), that arises from the use of an alternate donor site within intron 1. KLM shares only the N-terminal 15-amino acid signal peptide with the original KLK2 protein; the mature proteins display no similarity.