

Anti-KLK5 Antibody

Catalog # ABO10944

Product Information

Application	WB, IHC-P
Primary Accession	Q9D140
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Kallikrein 1-related peptidase b5(KLK5) detection. Tested with WB, IHC-P in Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Calculated MW	31908 Da
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Rat, Mouse, By Heat Western blot, 0.1-0.5 µg/ml, Mouse
Protein Name	Kallikrein 1-related peptidase b5
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse Kallikrein 5(278-293aa NLCEFKWIKDTMNSN), different from the related rat sequence by three amino acids.
Purification	Immunogen affinity purified.
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.

Protein Information

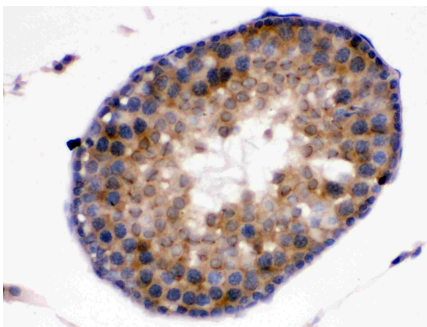
Background

KLK5(Kallikrein-related peptidase 5), formerly known as stratum corneum tryptic enzyme(SCTE) or KLKL2, is a serine protease expressed in the epidermis. The KLK5 gene is one of the fifteen kallikrein subfamily members which is located on 19q13.41. KLK5 has been suggested to regulate cell shedding in conjunction with KLK7 and KLK14, given its ability to degrade proteins which form the extracellular component of cell junctions in the stratum corneum. The KLK5 gene contains 5 coding exons spanning 9.3. KLK5 expression is upregulated in a breast cancer cell line in the presence of estrogens and progestins and is associated with more aggressive forms of epithelial ovarian carcinoma.

Images



Anti-Kallikrein 5 antibody, ABO10944, Western blottingWB: Mouse Liver Tissue Lysate



Anti-Kallikrein 5 antibody, ABO10944, IHC(P)IHC(P): Rat Testis Tissue

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