

## OriGene Technologies Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

## TA308502

**OriGene EU** 

Acris Antibodies GmbH Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info@acris-antibodies.com

	Polyclonal Antibody to KLK7 / Kallikrein-7 (1-237) - Aff - Purified
Alternate names: Catalog No.:	PRSS6, SCCE, Serine protease 6, Stratum corneum chymotryptic enzyme, hK7 TA308502
Quantity:	0.1 ml
Concentration:	0.7 mg/ml
Background:	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. Its encoded enzyme is thought to be involved in the proteolysis of intercellular cohesive structures preceding desquamation, which is the shedding of the outermost layer of the epidermis. Alternative splicing of this gene results in two transcript variants encoding the same protein.
Uniprot ID:	<u>P49862</u>
NCBI:	<u>9606</u>
GenelD:	<u>5650</u>
Host:	Rabbit
Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 237 of Human KLK7
Format:	State: Liquid purified IgG fraction. Purification: Antigen-Affinity Chromatography. Buffer System: 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7) Preservatives: 0.01% Thimerosal
Applications:	Western blotting: 1/500-1/3000. Positive Controls: 293T Immunohistochemistry on Formalin-Fixed Paraffin-Embedded Sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes Kallikrein-7/KLK7. Cellular Localization: Secreted.
Species Reactivity:	Tested: Human.
Add. Information:	Predicted Target Size: 28 kDa
Storage:	Store the antibody undiluted at (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.



OG/20160219

Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com

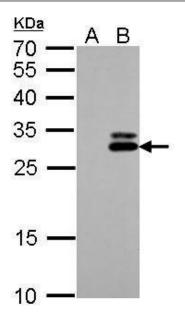
1/2



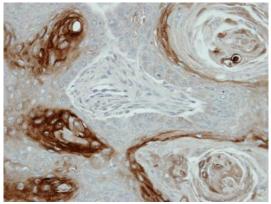
## TA308502: Polyclonal Antibody to KLK7 / Kallikrein-7 (1-237) - Aff - Purified

**Pictures:** 

KLK7 antibody detects KLK7 protein by Western blot analysis. A. 30 ug 293T whole cell lysate/extract. B. 30 ug whole cell lysate/extract of human KLK7-transfected 293T cells. 12 % SDS-PAGE. KLK7 antibody (TA308502) dilution: 1:5000



Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using KLK7(TA308502) antibody at 1:100 dilution.



**For research and in vitro use only. Not for diagnostic or therapeutic work.** Material Safety Datasheets are available at www.acris-antibodies.com or on request. Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com



OG/20160219