

Datasheet for ABIN759116
anti-Kallikrein 8 antibody (AA 51-150)**2** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Kallikrein 8 (KLK8)
Binding Specificity:	AA 51-150
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kallikrein 8 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse KLK8
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Pig,Horse,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	Kallikrein 8 (KLK8)
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Target Details

Alternative Name:	KLK8 (KLK8 Products)
Background:	<p>Synonyms: BSP1, Nrpn, Prss19, Kallikrein-8, mK8, Neuropsin, NP, Serine protease 19, Klk8</p> <p>Background: Serine protease which is capable of degrading a number of proteins such as casein, fibrinogen, kininogen, fibronectin and collagen type IV. Also cleaves L1CAM in response to increased neural activity. Induces neurite outgrowth and fasciculation of cultured hippocampal neurons. Plays a role in the formation and maturation of orphan and small synaptic boutons in the Schaffer-collateral pathway, regulates Schaffer-collateral long-term potentiation in the hippocampus and is required for memory acquisition and synaptic plasticity. Involved in skin desquamation and keratinocyte proliferation. Plays a role in the secondary phase of pathogenesis following spinal cord injury.</p>
Gene ID:	259277
UniProt:	Q61955
Pathways:	Complement System

Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C

Handling

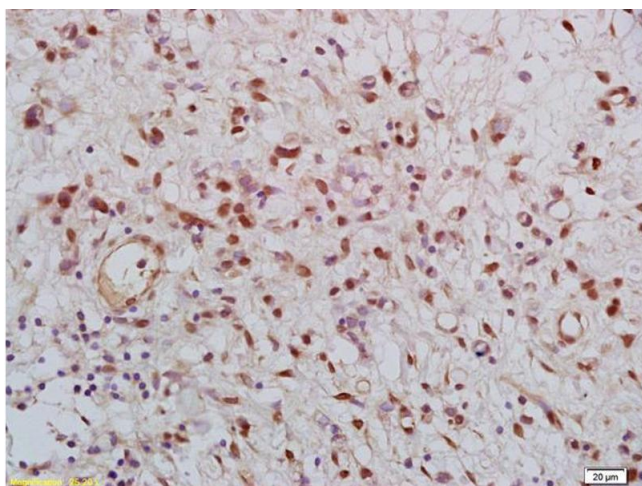
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

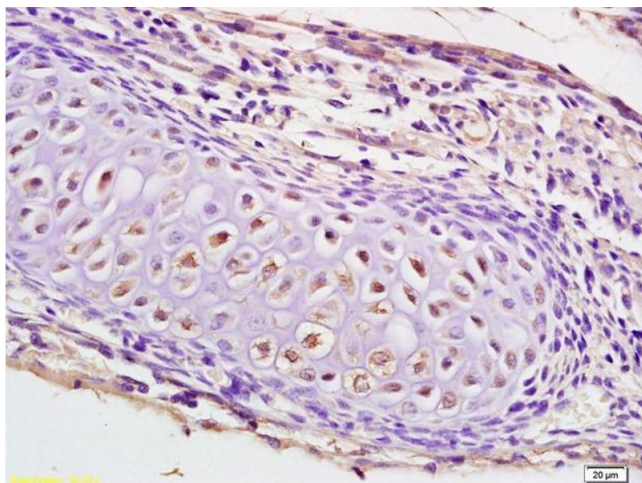
Product cited in: Hadamitzky, Herring, Kirchhof, Bendix, Haight, Keyvani, Lückemann, Unteroberdörster, Schedlowski: "Repeated Systemic Treatment with Rapamycin Affects Behavior and Amygdala Protein Expression in Rats." in: **The international journal of neuropsychopharmacology**, Vol. 21, Issue 6, pp. 592-602, (2019) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human gastric carcinoma labeled with Rabbit Anti KLK8 Polyclonal Antibody, Unconjugated (ABIN759116) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded mouse embryo labeled with Anti-KLK8 Polyclonal Antibody, Unconjugated (ABIN759116) at 1:200 followed by conjugation to the secondary antibody and DAB staining.