

ARG64164 anti-KLK5 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes KLK5
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Cow, Dog
Tested Application	WB
Specificity	Reported variants represent identical protein (NP_036559.1; NP_001070959.1; NP_001070960.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	KLK5
Species	Human
Immunogen	KAGRDSCQGD
Conjugation	Un-conjugated
Alternate Names	Stratum corneum tryptic enzyme; Kallikrein-like protein 2; KLKL2; KLK-L2; Kallikrein-5; EC 3.4.21.-; SCTE

Application Instructions

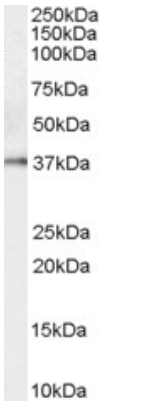
Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>WB</td><td>1 - 3 µg/ml</td></tr> </table>	Application	Dilution	WB	1 - 3 µg/ml
Application	Dilution				
WB	1 - 3 µg/ml				
Application Note	<p>WB: Recommend incubate at RT for 1h.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>				

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.
Bioinformation	
Database links	GeneID: 25818 Human Swiss-port # Q9Y337 Human
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 expression is up-regulated by estrogens and progestins. The encoded protein is secreted and may be involved in desquamation in the epidermis. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jul 2008]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Signaling Transduction antibody
Calculated Mw	32 kDa

Bioinformation



250kDa
150kDa
100kDa

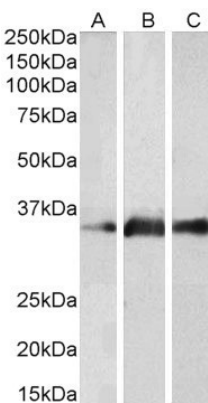
75kDa
50kDa
37kDa

25kDa
20kDa

15kDa
10kDa

ARG64164 anti-KLK5 antibody WB image

Western Blot: Human Prostate lysate (35 µg protein in RIPA buffer) stained with ARG64164 anti-KLK5 antibody at 0.1 µg/ml dilution.



250kDa
150kDa
100kDa

75kDa
50kDa
37kDa

25kDa
20kDa
15kDa

A B C

ARG64164 anti-KLK5 antibody WB image

Western blot: 35 µg of Human cerebellum (A), Mouse brain (B) and Rat brain (C) lysates (in RIPA buffer) stained with ARG64164 anti-KLK5 antibody at 2 µg/ml dilution and incubated at RT for 1 hour.