

ARG55376 anti-Kallikrein 2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Kallikrein 2
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Kallikrein 2
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 166-197 (C-terminus) of Human Kallikrein 2.
Conjugation	Un-conjugated
Alternate Names	hK2; Tissue kallikrein-2; EC 3.4.21.35; Glandular kallikrein-1; Kallikrein-2; hGK-1; KLK2A2

Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	K562	

Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
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.

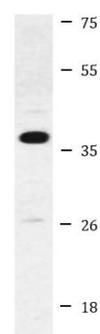
Bioinformatics

Database links	GeneID: 3817 Human
----------------	------------------------------------

[Swiss-port # P20151 Human](#)

Gene Symbol	KLK2
Gene Full Name	kallikrein-related peptidase 2
Background	This gene encodes a member of the grandular kallikrein protein family. Kallikreins are a subgroup of serine proteases that are clustered on chromosome 19. Members of this family are involved in a diverse array of biological functions. The protein encoded by this gene is a highly active trypsin-like serine protease that selectively cleaves at arginine residues. This protein is primarily expressed in prostatic tissue and is responsible for cleaving pro-prostate-specific antigen into its enzymatically active form. This gene is highly expressed in prostate tumor cells and may be a prognostic maker for prostate cancer risk. Alternate splicing results in both coding and non-coding transcript variants. [provided by RefSeq, Jan 2012]
Function	Glandular kallikreins cleave Met-Lys and Arg-Ser bonds in kininogen to release Lys-bradykinin. [UniProt]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Signaling Transduction antibody
Calculated Mw	29 kDa

Images



K562

ARG55376 anti-Kallikrein 2 antibody WB image

Western blot: 35 µg of K562 cell lysate stained with ARG55376 anti-Kallikrein 2 antibody.