

ARG64167 anti-Kallikrein 2 antibody

Package: 100 µg
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Goat Polyclonal antibody recognizes Kallikrein 2 |
| Tested Reactivity | Hu |
| Tested Application | IHC-P |
| Specificity | This antibody is expected to recognize both reported isoforms (NP_005542.1; NP_001002231.1). |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | Kallikrein 2 |
| Species | Human |
| Immunogen | C-KHQSLRPDEDSSHD |
| 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 |
|-------------------|-------------|-------------|
| | IHC-P | 4 - 6 µg/ml |

Application Note IHC-P: Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

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: 3817 Human](#)

[Swiss-port # P20151 Human](#)

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]

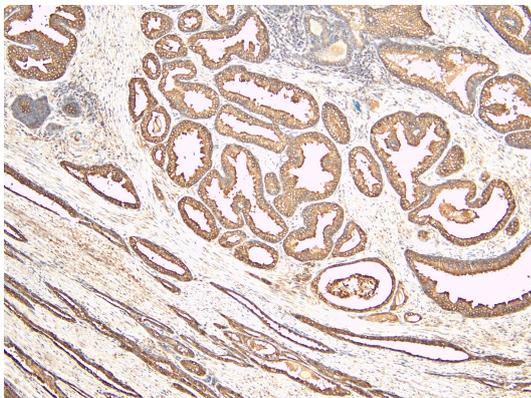
Research Area

Cancer antibody; Cell Biology and Cellular Response antibody; Signaling Transduction antibody

Calculated Mw

29 kDa

Images



ARG64167 anti-Kallikrein 2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human prostate tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0). The tissue section was stained with ARG64167 anti-Kallikrein 2 antibody at 6 µg/ml dilution followed by HRP-staining.