

## Goat KAPPA LIGHT CHAIN Polyclonal Antibody | anti-KAPPA antibody

GOAT F(ab')<sub>2</sub> ANTI HUMAN KAPPA LIGHT CHAIN

|                              |                     |                              |
|------------------------------|---------------------|------------------------------|
| CATALOG #<br><b>AAA50021</b> | HOST<br><b>Goat</b> | APPLICATIONS<br><b>ELISA</b> |
|------------------------------|---------------------|------------------------------|

### PRODUCT SYNONYMS

KAPPA LIGHT CHAIN; Polyclonal Antibody; GOAT F(ab')<sub>2</sub> ANTI HUMAN KAPPA LIGHT CHAIN; anti-KAPPA antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Goat                                                                                                                                                                                                                                                                                                                                  |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                            |
| Isotype                                         | IgG                                                                                                                                                                                                                                                                                                                                   |
| Form/Format                                     | Purified<br>F(ab) <sub>2</sub> fragments of purified IgG - liquid                                                                                                                                                                                                                                                                     |
| Concentration                                   | F(ab') <sub>2</sub> concentration 0.5 mg/ml (varies by lot)                                                                                                                                                                                                                                                                           |
| Sequence Length                                 | 106                                                                                                                                                                                                                                                                                                                                   |
| Applicable Applications for anti-KAPPA antibody | ELISA                                                                                                                                                                                                                                                                                                                                 |
| Immunogen                                       | Human kappa light chains<br>Buffer Solution                                                                                                                                                                                                                                                                                           |
| Antiserum Preparation                           | Antisera to human kappa chains were raised by repeated immunisation of goats with purified antigen. Purified IgG was prepared from whole serum by affinity chromatography on pooled human Igs with kappa light chains covalently linked to agarose. F(ab) <sub>2</sub> fragments were prepared by pepsin digestion.                   |
| Target Species                                  | Human                                                                                                                                                                                                                                                                                                                                 |
| Preparation and Storage                         | Store at -20 degree C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.<br>Shelf Life: 18 months from date of despatch. |

### ADDITIONAL INFORMATION

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|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-KAPPA antibody | Goat F(ab') <sub>2</sub> anti Human Kappa Light Chain antibody recognizes human kappa light chains. This antibody has been cross absorbed with pooled human myeloma proteins with lambda light chains. |
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### NCBI AND UNIPROT INFORMATION

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|-------------------------|----------------------------------|
| NCBI GI #               | <a href="#">125145</a>           |
| UniProt Accession #     | <a href="#">P01834</a>           |
| Molecular Weight        | 11,609 Da                        |
| NCBI Official Full Name | Ig kappa chain C region, partial |
| UniProt Protein Name    | Ig kappa chain C region          |
| UniProt Gene Name       | <b>IGKC</b>                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/kappa-light-chain-antibody-elisa/50021>