

## anti-Human KNG1 Antibody | anti-KNG1 antibody

KNG1 (heavy chain, Cleaved-Lys380) Antibody

|                               |                            |                                            |
|-------------------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA109866</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|----------------------------|--------------------------------------------|

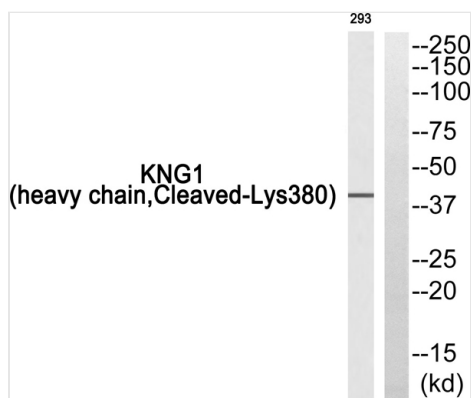
### PRODUCT SYNONYMS

KNG1; KNG1 (heavy chain; Cleaved-Lys380) Antibody; Alpha-2-thiol proteinase inhibitor; BDK; Bradykinin; Fitzgerald factor; High molecular weight kininogen; HMWK; Ile-Ser-Bradykinin; Kallidin I; Kallidin II; kininogen 1; Kininogen-1; Kininogen-1 heavy chain; Kininogen-1 light chain; KNG; Low molecular weight growth-promoting factor; Lysyl-bradykinin; T-kinin; Williams-Fitzgerald-Flaujeac factor; anti-KNG1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                 |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                     | Human                                                                                                                                           |
| Specificity                                    | KNG1 (heavy chain, Cleaved-Lys380) antibody detects endogenous levels of fragment of activated KNG1 resulting from cleavage adjacent to Lys380. |
| Purity/Purification                            | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                            |
| Form/Format                                    | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                  |
| Sequence Length                                | 427                                                                                                                                             |
| Applicable Applications for anti-KNG1 antibody | ELISA, WB (Western Blot)                                                                                                                        |
| Immunogen                                      | The antiserum was produced against synthesized peptide derived from human KNG1.                                                                 |
| All Sites                                      | Human: Lys380                                                                                                                                   |
| Preparation and Storage                        | Store at -20 degree C for 1 year                                                                                                                |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts from 293 cells, using KNG1 (heavy chain, Cleaved-Lys380) antibody.

ADDITIONAL INFORMATION

|            |                                                                                                                                                                                                                                                                                                                   |
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| References | Ohkubo I., Biochemistry 23:5691-5697(1984) [PubMed: 6441591]. Takagaki Y., J. Biol. Chem. 260:8601-8609(1985) [PubMed: 2989293]. Ota T., Nat. Genet. 36:40-45(2004) [PubMed: 14702039]. Takagaki Y., J. Biol. Chem. 260:8601-8609(1985) [PubMed: 2989293]. Ota T., Nat. Genet. 36:40-45(2004) [PubMed: 14702039]. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 4504893                                                        |
| NCBI GeneID                      | 3827                                                           |
| NCBI Accession #                 | NP_000884.1                                                    |
| NCBI GenBank Nucleotide #        | NM_000893.4                                                    |
| UniProt Accession #              | P01042; P01043; Q53EQ0; Q6PAU9; Q7M4P1; A8K474; B2RCR2; C9JEX1 |
| Molecular Weight                 | 43,822 Da                                                      |
| NCBI Official Full Name          | kininogen-1 isoform 2                                          |
| NCBI Official Synonym Full Names | kininogen 1                                                    |
| NCBI Official Symbol             | KNG1                                                           |
| NCBI Official Synonym Symbols    | BK; BDK; KNG; HMWK                                             |
| NCBI Protein Information         | kininogen-1                                                    |
| UniProt Protein Name             | Kininogen-1                                                    |
| UniProt Gene Name                | <b>KNG1</b>                                                    |
| UniProt Synonym Gene Names       | BDK; KNG; HMWK                                                 |

**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.