

## Rabbit CAMKK1/2 Polyclonal Antibody | anti-CAMKK1/2 antibody

CAMKK1/2 (Phospho-Ser458/495) Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS |
|-----------|--------|-------------------|--------------|
| AAA309128 | Rabbit | Human, Mouse, Rat | Western Blot |

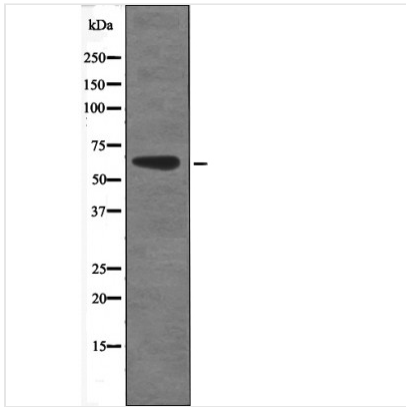
### PRODUCT SYNONYMS

CAMKK1/2; Polyclonal Antibody; CAMKK1/2 (Phospho-Ser458/495) Antibody; CAMKK1; CaM-kinase IV kinase; CaM-kinase kinase 1; CaM-kinase kinase alpha; CAMKK alpha protein; CAMKKA; CaM-KK 1; CaMKK; CaM-KK alpha; CaMKK 1; CaMKK alpha; CAMKKalpha; anti-CAMKK1/2 antibody

### PRODUCT SPECIFICATIONS

|                                                    |                                                                                                                                                                                                                                                            |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                                                                                                                                                                                                     |
| Reactivity                                         | Human, Mouse, Rat                                                                                                                                                                                                                                          |
| Clonality                                          | Polyclonal                                                                                                                                                                                                                                                 |
| Specificity                                        | CAMKK1/2 (Phospho-Ser458/495) Antibody detects endogenous levels of CAMKK1/2 only when phosphorylated at Ser458/495                                                                                                                                        |
| Purity/Purification                                | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography |
| Form/Format                                        | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                         |
| Concentration                                      | 1 mg/ml (varies by lot)                                                                                                                                                                                                                                    |
| Sequence Length                                    | 505                                                                                                                                                                                                                                                        |
| Applicable Applications for anti-CAMKK1/2 antibody | WB (Western Blot)                                                                                                                                                                                                                                          |
| Immunogen                                          | A synthesized peptide derived from human CAMKK1/2 (Phospho-Ser458/495)                                                                                                                                                                                     |
| Immunogen Type                                     | Peptide                                                                                                                                                                                                                                                    |
| Target Species                                     | Human                                                                                                                                                                                                                                                      |
| Calculated MW                                      | 64 kD                                                                                                                                                                                                                                                      |
| Modification                                       | Phospho-Ser458/495                                                                                                                                                                                                                                         |
| Preparation and Storage                            | Store at -20°C                                                                                                                                                                                                                                             |

IMAGES



WB (Western Blot)  
Western blot analysis CAMKK1/2 (Phospho-Ser458/495) using EGF treated 293 whole cell lysates

ADDITIONAL INFORMATION

|                                                      |                     |
|------------------------------------------------------|---------------------|
| Product Categories/Family for anti-CAMKK1/2 antibody | Phospho-specific Ab |
|------------------------------------------------------|---------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 14150045                                                                                           |
| NCBI GeneID                      | 84254                                                                                              |
| NCBI Accession #                 | NP_115670.1                                                                                        |
| NCBI GenBank Nucleotide #        | NM_032294.2                                                                                        |
| UniProt Accession #              | Q8N5S9; Q9BQH3                                                                                     |
| NCBI Official Full Name          | calcium/calmodulin-dependent protein kinase kinase 1 isoform a                                     |
| NCBI Official Synonym Full Names | calcium/calmodulin dependent protein kinase kinase 1                                               |
| NCBI Official Symbol             | CAMKK1                                                                                             |
| NCBI Official Synonym Symbols    | CAMKKA                                                                                             |
| NCBI Protein Information         | calcium/calmodulin-dependent protein kinase kinase 1                                               |
| UniProt Protein Name             | Calcium/calmodulin-dependent protein kinase kinase 1                                               |
| UniProt Gene Name                | <b>CAMKK1</b>                                                                                      |
| UniProt Synonym Gene Names       | CAMKKA; CaM-KK 1; CaM-kinase kinase 1; CaMKK 1; CaM-KK alpha; CaM-kinase kinase alpha; CaMKK alpha |
| UniProt Entry Name               | KKCC1_HUMAN                                                                                        |

**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.