

## Rabbit CK1 alpha Polyclonal Antibody | anti-CK1alpha antibody

Rabbit anti-CK1 alpha Antibody

| CATALOG # | HOST   | REACTIVITY                                | APPLICATIONS                       |
|-----------|--------|-------------------------------------------|------------------------------------|
| AAA223632 | Rabbit | Human, Mouse, Rat, Bovine, Chicken, Sheep | Immunohistochemistry, Western Blot |

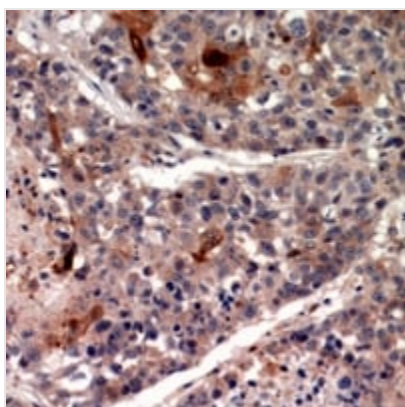
### PRODUCT SYNONYMS

CK1 alpha; Polyclonal Antibody; Rabbit anti-CK1 alpha Antibody; Casein kinase I isoform alpha; CKI-alpha; CK1; anti-CK1alpha antibody

### PRODUCT SPECIFICATIONS

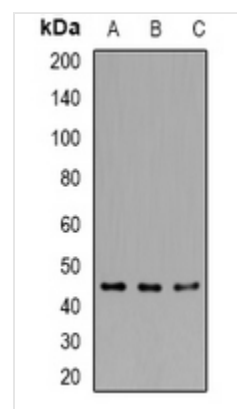
|                                                    |                                                                                                                                          |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                               | Rabbit                                                                                                                                   |
| Reactivity                                         | Human, Mouse, Rat, Bovine, Chicken, Sheep                                                                                                |
| Clonality                                          | Polyclonal                                                                                                                               |
| Purity/Purification                                | The antibody was purified by immunogen affinity chromatography.                                                                          |
| Form/Format                                        | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                |
| Concentration                                      | 1mg/mL (varies by lot)                                                                                                                   |
| Applicable Applications for anti-CK1alpha antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                            |
| Immunogen                                          | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CK1 alpha. The exact sequence is proprietary. |
| Preparation and Storage                            | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                                |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of CK1 alpha staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of CK1 alpha expression in HeLa (A), K562 (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                      |                    |
|------------------------------------------------------|--------------------|
| Product Categories/Family for anti-CK1alpha antibody | Primary antibodies |
|------------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| NCBI GI #                        | 68303575                                     |
| NCBI GeneID                      | 1452                                         |
| NCBI Accession #                 | NP_001020276.1                               |
| NCBI GenBank Nucleotide #        | NM_001025105.2                               |
| UniProt Accession #              | P48729; Q8BK63; P97633                       |
| Molecular Weight                 | 38,915 Da                                    |
| NCBI Official Full Name          | casein kinase I isoform alpha isoform 1      |
| NCBI Official Synonym Full Names | casein kinase 1 alpha 1                      |
| NCBI Official Symbol             | CSNK1A1                                      |
| NCBI Official Synonym Symbols    | CK1; CK1a; CKIa; HLCDGP1; PRO2975; HEL-S-77p |
| NCBI Protein Information         | casein kinase I isoform alpha                |
| UniProt Protein Name             | Casein kinase I isoform alpha                |
| UniProt Gene Name                | <b>CSNK1A1</b>                               |
| UniProt Synonym Gene Names       | CKI-alpha                                    |
| UniProt Entry Name               | KC1A_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ck1-alpha-antibody-immunohistochemistry-western-blot-elisa/223632>