

## Rabbit TK Polyclonal Antibody | anti-TK antibody

TK Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                  |
|-----------|--------|-------------------|---------------------------------------------------------------|
| AAA316810 | Rabbit | Human, Mouse, Rat | ELISA, Immunofluorescence, Immunohistochemistry, Western Blot |

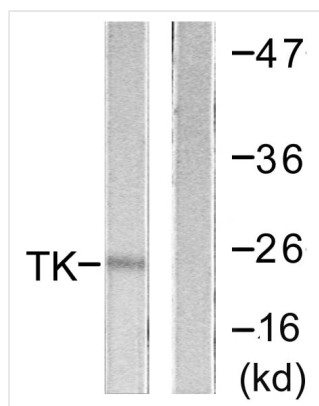
### PRODUCT SYNONYMS

TK; Polyclonal Antibody; TK Antibody; KITH; TK-1; TK1; Thymidine kinase; cytosolic; anti-TK antibody

### PRODUCT SPECIFICATIONS

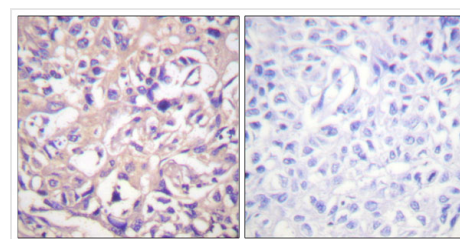
|                                              |                                                                                                                           |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Host                                         | Rabbit                                                                                                                    |
| Reactivity                                   | Human, Mouse, Rat                                                                                                         |
| Clonality                                    | Polyclonal                                                                                                                |
| Specificity                                  | TK Antibody detects endogenous levels of total TK protein.                                                                |
| Purity/Purification                          | Purified from rabbit antiserum by affinity-chromatography using immunogen.                                                |
| Form/Format                                  | Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                | 1 mg/ml (varies by lot)                                                                                                   |
| Sequence Length                              | 234                                                                                                                       |
| Applicable Applications for anti-TK antibody | ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                             |
| Target Modification                          | Unmodified/Total                                                                                                          |
| Immunogen                                    | The antiserum was produced against synthesized peptide derived from human TK.                                             |
| Immunogen Range                              | Jan-50                                                                                                                    |
| Preparation and Storage                      | Stable at -20 degree C for at least 1 year.                                                                               |

### IMAGES



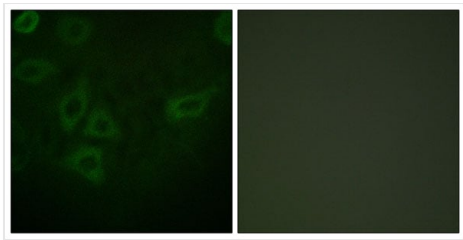
#### WB (Western Blot)

Western blot analysis of lysates from COLO205 cells, using TK Antibody. The lane on the right is blocked with the synthesized peptide.



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using TK Antibody. The picture on the right is blocked with the synthesized peptide.



#### IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells, using TK Antibody. The picture on the right is blocked with the synthesized peptide.

## NCBI AND UNIPROT INFORMATION

|                                  |                                       |
|----------------------------------|---------------------------------------|
| NCBI GI #                        | 164698438                             |
| NCBI GeneID                      | 7083                                  |
| NCBI Accession #                 | NP_003249.3                           |
| NCBI GenBank Nucleotide #        | NM_003258.4                           |
| UniProt Accession #              | P04183; Q969V0; Q9UMG9; B2RC58        |
| Molecular Weight                 | 25 kDa                                |
| NCBI Official Full Name          | thymidine kinase, cytosolic isoform 1 |
| NCBI Official Synonym Full Names | thymidine kinase 1                    |
| NCBI Official Symbol             | TK1                                   |
| NCBI Official Synonym Symbols    | TK2                                   |
| NCBI Protein Information         | thymidine kinase, cytosolic           |
| UniProt Protein Name             | Thymidine kinase, cytosolic           |
| UniProt Gene Name                | TK1                                   |

**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/tk-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/316810>