

## Rabbit anti-Human, Mouse PKM Polyclonal Antibody | anti-PKM antibody

PKM Antibody

|                               |                       |                                   |                                             |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA305090</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|

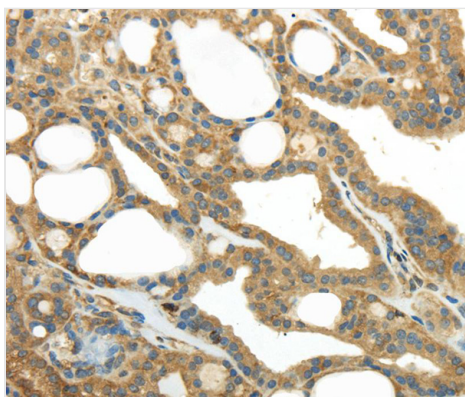
### PRODUCT SYNONYMS

PKM; Polyclonal Antibody; PKM Antibody; PK3; TCB; OIP3; PKM2; CTHBP; THBP1; HEL-S-30; anti-PKM antibody

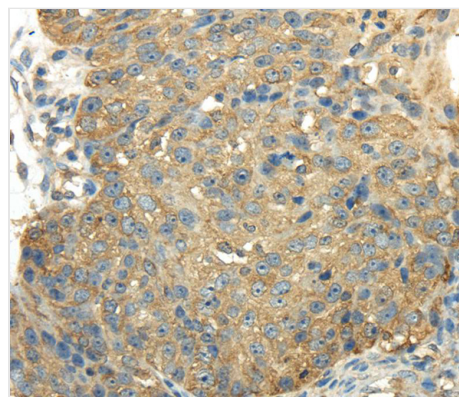
### PRODUCT SPECIFICATIONS

|                                               |                                                                 |
|-----------------------------------------------|-----------------------------------------------------------------|
| Host                                          | Rabbit                                                          |
| Reactivity                                    | Human, Mouse                                                    |
| Clonality                                     | Polyclonal                                                      |
| Specificity                                   | The antibody detects endogenous levels of total PKM protein.    |
| Purity/Purification                           | Antigen affinity purification.                                  |
| Form/Format                                   | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol. |
| Concentration                                 | 1.7 mg/ml (varies by lot)                                       |
| Sequence Length                               | 605                                                             |
| Applicable Applications for anti-PKM antibody | IHC (Immunohistochemistry)                                      |
| Immunogen Type                                | Peptide                                                         |
| Immunogen Description                         | Synthetic peptide of human pyruvate kinase, muscle              |
| Target Name                                   | PKM                                                             |
| Preparation and Storage                       | Store at -20 degree C                                           |

### IMAGES



**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using AAA305090 at dilution 1/25.



**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using AAA305090 at dilution 1/25.

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PKM antibody | This gene encodes a protein involved in glycolysis. The encoded protein is a pyruvate kinase that catalyzes the transfer of a phosphoryl group from phosphoenolpyruvate to ADP, generating ATP and pyruvate. This protein has been shown to interact with thyroid hormone and may mediate cellular metabolic effects induced by thyroid hormones. This protein has been found to bind Opa protein, a bacterial outer membrane protein involved in gonococcal adherence to and invasion of human cells, suggesting a role of this protein in bacterial pathogenesis. Several alternatively spliced transcript variants encoding a few distinct isoforms have been reported. |
| Product Categories/Family for anti-PKM antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 332164775                                                                                      |
| NCBI GeneID                      | 5315                                                                                           |
| NCBI Accession #                 | NP_001193725.1                                                                                 |
| NCBI GenBank Nucleotide #        | NM_001206796.1                                                                                 |
| UniProt Accession #              | P14618; P14786; Q53GK4; Q96E76; Q9BWB5; Q9UCV6; Q9UPF2; A6NFK3; B2R5N8; B3KRY0; B4DFX8; B4DUU6 |
| NCBI Official Full Name          | pyruvate kinase PKM isoform c                                                                  |
| NCBI Official Synonym Full Names | pyruvate kinase, muscle                                                                        |
| NCBI Official Symbol             | PKM                                                                                            |
| NCBI Official Synonym Symbols    | PK3; TCB; OIP3; PKM2; CTHBP; THBP1; HEL-S-30                                                   |
| NCBI Protein Information         | pyruvate kinase PKM                                                                            |
| UniProt Protein Name             | Pyruvate kinase PKM                                                                            |
| UniProt Gene Name                | PKM                                                                                            |
| UniProt Synonym Gene Names       | OIP3; PK2; PK3; PKM2; CTHBP; OIP-3; THBP1                                                      |
| UniProt Entry Name               | KPYM_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/pkm-antibody-immunohistochemistry-elisa/305090>