

## THRB Antibody | anti-THRB antibody

THRB Antibody

|                               |                                        |                                                                                      |
|-------------------------------|----------------------------------------|--------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA267569</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunofluorescence, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|--------------------------------------------------------------------------------------|

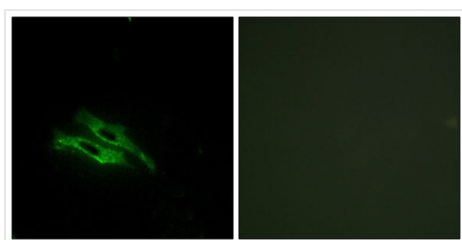
### PRODUCT SYNONYMS

THRB; THRB Antibody; Prothrombin [Precursor]; EC 3.4.21.5; Coagulation factor II; Activation peptide fragment 1; Activation peptide fragment 2; Thrombin light chain; Thrombin heavy chain; F2; anti-THRB antibody

### PRODUCT SPECIFICATIONS

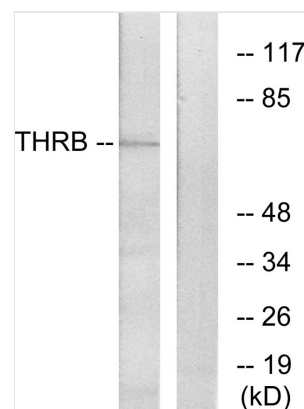
|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Reactivity                                     | Human, Mouse, Rat                                                                                              |
| Specificity                                    | THRB antibody detects endogenous levels of total THRB protein.                                                 |
| 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                                | 622                                                                                                            |
| Applicable Applications for anti-THRB antibody | ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                  |
| Immunogen                                      | The antiserum was produced against synthesized peptide derived from internal of human THRB.                    |
| Preparation and Storage                        | Store at -20 degree C for 1 year.                                                                              |

### IMAGES



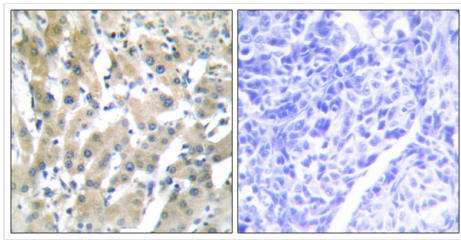
IF (Immunofluorescence)

Peptide-+ Immunofluorescence analysis of NIH-3T3 cells, using THRB antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using THRB antibody. Western blot analysis of extracts from NIH-3T3 cells, using THRB antibody.



Application Data  
Peptide-+

### ADDITIONAL INFORMATION

|            |                                                                                                                                                                 |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Degen S.J.F., Biochemistry 26:6165-6177(1987). Walz D.A., Proc. Natl. Acad. Sci. U.S.A. 74:1969-1972(1977). Butkowski R.J., J. Biol. Chem. 252:4942-4957(1977). |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 4503635                                                                |
| NCBI GeneID                      | 2147                                                                   |
| NCBI Accession #                 | NP_000497.1                                                            |
| NCBI GenBank Nucleotide #        | NM_000506.4                                                            |
| UniProt Accession #              | P00734; Q4QZ40; Q53H04; Q53H06; Q69EZ7; Q7Z7P3; Q9UCA1; B2R7F7; B4E1A7 |
| Molecular Weight                 | 70,037 Da                                                              |
| NCBI Official Full Name          | prothrombin isoform 1 preproprotein                                    |
| NCBI Official Synonym Full Names | coagulation factor II, thrombin                                        |
| NCBI Official Symbol             | F2                                                                     |
| NCBI Official Synonym Symbols    | PT; THPH1; RPRGL2                                                      |
| NCBI Protein Information         | prothrombin                                                            |
| UniProt Protein Name             | Prothrombin                                                            |
| UniProt Gene Name                | F2                                                                     |

**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/human-mouse-rat-antibody/thrb/267569>