

## Rabbit anti-Human, Rat TIGD6 Polyclonal Antibody | anti-TIGD6 antibody

Anti-TIGD6 Antibody Picoband

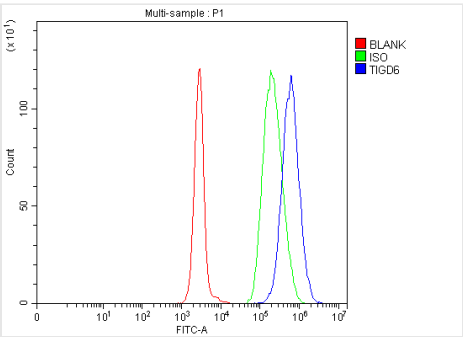
|                               |                       |                                 |                                                                              |
|-------------------------------|-----------------------|---------------------------------|------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA126650</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Rat</b> | APPLICATIONS<br><b>Western Blot, Flow Cytometry, Functional Assay, ELISA</b> |
|-------------------------------|-----------------------|---------------------------------|------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

TIGD6; Polyclonal Antibody; Anti-TIGD6 Antibody Picoband; anti-TIGD6 antibody

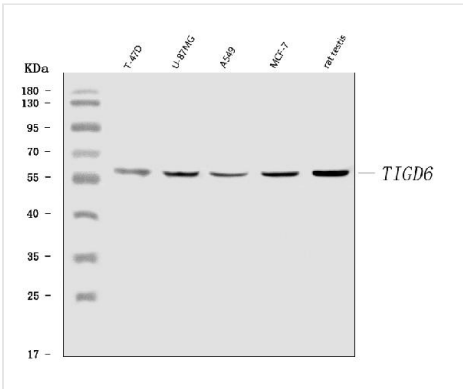
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                       |
| Reactivity                                      | Human, Rat                                                                                                                                                                                                                   |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                   |
| Isotype                                         | Rabbit IgG                                                                                                                                                                                                                   |
| Purity/Purification                             | Immunogen affinity purified.                                                                                                                                                                                                 |
| Form/Format                                     | Lyophilized<br>Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .                                                                                                                     |
| Concentration                                   | Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)                                                                                                                                    |
| Applicable Applications for anti-TIGD6 antibody | WB (Western Blot), FCM/FACS (Flow Cytometry), ELISA                                                                                                                                                                          |
| Reconstitution                                  | Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.                                                                                                                                                    |
| Immunogen                                       | E Coli-derived human TIGD6 recombinant protein (Position: E16-D511).                                                                                                                                                         |
| Preparation and Storage                         | Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing. |



FCM/FACS (Flow Cytometry)

Figure 2. Flow Cytometry analysis of Daudi cells using anti-TIGD6 antibody (AAA126650).Overlay histogram showing Daudi cells stained with AAA126650 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-TIGD6 Antibody (AAA126650, 1 ug/1x10<sup>6</sup> cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10<sup>6</sup>) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)

Figure 1. Western blot analysis of TIGD6 using anti-TIGD6 antibody (AAA126650).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human T-47D whole cell lysates,Lane 2: human U-87MG whole cell lysates,Lane 3: human A549 whole cell lysates,Lane 4: human MCF-7 whole cell lysates,Lane 5: rat testis tissue lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-TIGD6 antigen affinity purified polyclonal antibody (#AAA126650) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for TIGD6 at approximately 59 kDa. The expected band size for TIGD6 is at 59 kDa.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TIGD6 antibody | The protein encoded by this gene belongs to the tigger subfamily of the pogo superfamily of DNA-mediated transposons in humans. These proteins are related to DNA transposons found in fungi and nematodes, and more distantly to the Tc1 and mariner transposases. They are also very similar to the major mammalian centromere protein B. |
| Product Categories/Family for anti-TIGD6 antibody   | Primary Antibodies, Rabbit Polyclonal Antibodies                                                                                                                                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 343098485                                     |
| NCBI GeneID                      | 81789                                         |
| NCBI Accession #                 | NP_001230182.1                                |
| NCBI GenBank Nucleotide #        | NM_001243253.1                                |
| UniProt Accession #              | Q17RP2; Q96MQ4; Q9H0X7; B3KTZ8                |
| Molecular Weight                 | 58,656 Da                                     |
| NCBI Official Full Name          | tigger transposable element-derived protein 6 |
| NCBI Official Synonym Full Names | tigger transposable element derived 6         |
| NCBI Official Symbol             | TIGD6                                         |
| NCBI Protein Information         | tigger transposable element-derived protein 6 |
| UniProt Protein Name             | Tigger transposable element-derived protein 6 |
| UniProt Gene Name                | TIGD6                                         |

**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/tigd6-antibody-western-blot-flow-cytometry-elisa/126650>