

## Rabbit anti-Human TMEM70 Polyclonal Antibody | anti-TMEM70 antibody

TMEM70 Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA323311</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

TMEM70; Polyclonal Antibody; TMEM70 Antibody; FLJ20533; MC5DN2; OTTHUMP00000226855; OTTHUMP00000226856; TMM70\_HUMAN; Transmembrane protein 70; Transmembrane protein 70 mitochondrial; mitochondrial; anti-TMEM70 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                               |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                        |
| Reactivity                                       | Human                                                                                         |
| Clonality                                        | Polyclonal                                                                                    |
| Isotype                                          | IgG                                                                                           |
| Specificity                                      | TMEM70 antibody detects endogenous levels of TMEM70.                                          |
| Purity/Purification                              | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin. |
| Form/Format                                      | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                    | 1mg/ml (varies by lot)                                                                        |
| Sequence Length                                  | 107                                                                                           |
| Applicable Applications for anti-TMEM70 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                 |
| Immunogen                                        | A synthesized peptide derived from human TMEM70.                                              |
| Subcellular Location                             | Mitochondrion Inner Membrane.                                                                 |
| Conjugation                                      | Unconjugated                                                                                  |
| Preparation and Storage                          | Store at -20 degree C. Stable for 12 months from date of receipt.                             |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts of A2780 cells, using TMEM70 antibody.



#### IHC (Immunohistochemistry)

AAA323311 at 1/100 staining Human thyroid cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

### ADDITIONAL INFORMATION

|                                                      |                                                                                                              |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TMEM70 antibody | Function: Involved in biogenesis of mitochondrial ATP synthase.<br>Similarity: Belongs to the TMEM70 family. |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| NCBI GI #                        | 95007020                                          |
| NCBI GeneID                      | 54968                                             |
| NCBI Accession #                 | NP_001035703.1                                    |
| NCBI GenBank Nucleotide #        | NM_001040613.2                                    |
| UniProt Accession #              | Q9BUB7; Q9NWX5; E9PDY9                            |
| Molecular Weight                 | Observed: 18 kDa<br>Predicted: 29 kDa             |
| NCBI Official Full Name          | transmembrane protein 70, mitochondrial isoform b |
| NCBI Official Synonym Full Names | transmembrane protein 70                          |
| NCBI Official Symbol             | TMEM70                                            |
| NCBI Official Synonym Symbols    | MC5DN2                                            |
| NCBI Protein Information         | transmembrane protein 70, mitochondrial           |
| UniProt Protein Name             | Transmembrane protein 70, mitochondrial           |
| UniProt Gene Name                | TMEM70                                            |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/tmem70-antibody-immunohistochemistry-western-blot-elisa/323311>