

## Anti-MTIF3 antibody (1-278) (STJ110822)

### GENERAL INFORMATION

|               |                    |
|---------------|--------------------|
| Product Type  | Primary antibodies |
| Applications  | WB/ELISA           |
| Host / Source | Rabbit             |
| Reactivity    | Human/Rat          |

### PRODUCT PROPERTIES

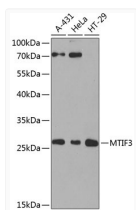
|                     |                                                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                           |
| Concentration       | Lot specific                                                                                                                                         |
| Conjugation         | Unconjugated                                                                                                                                         |
| Purification        | Affinity purification                                                                                                                                |
| Dilution Range      | WB:1:500-1:2000<br>ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation         | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                                   |
| Isotype             | IgG                                                                                                                                                  |
| Molecular Weight    | Protein Mw: 32kDa<br>Observed Mw: 32kDa                                                                                                              |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                       |

### TARGET INFORMATION

|                    |                                                                                                                                                                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">219402</a>                                                                                                                                                                                                                                            |
| Gene Symbol        | <a href="#">MTIF3</a>                                                                                                                                                                                                                                             |
| UniProt ID         | <a href="#">I3M_HUMAN</a>                                                                                                                                                                                                                                         |
| Immunogen Region   | 1-278                                                                                                                                                                                                                                                             |
| Immunogen Sequence | MAALFLKRLTLQTVKSENSC IRCFGKHILQKTAPAQLSPI ASAPRLSFLIHAKAFSTAED<br>TQNEGKTKKNTAFSNVGR KISQRVIIHLFDEKGNDLGNM HRANVIRLMDERDLRLVQRN<br>TSTEPAEYQLMTGLQILQER QRLREMEKANPKTGPTLRKE LILSSNIGQHDLDTKTKQIQ<br>QWIKKKHLVQITIKKGKNVD VSENMEEIFHQILQTMPIG ATFSSRPQAVQGGKALMCV |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-278 of human MTIF3 (NP_690876.3).                                                                                                                                                 |

### ADDITIONAL INFORMATION

|      |                                                                                                                         |
|------|-------------------------------------------------------------------------------------------------------------------------|
| Note | STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS. |
|------|-------------------------------------------------------------------------------------------------------------------------|



Western blot analysis of various lysates using MTIF3 Rabbit pAb (STJ110822) at 1:1000 dilution.  
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.  
 Lysates/proteins: 25 µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit  
 Exposure time: 90s.