

## Anti-FTO antibody (1-349) (STJ11101469)

### GENERAL INFORMATION

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

### PRODUCT PROPERTIES

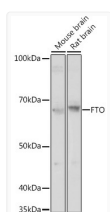
|                     |                                                                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                            |
| Concentration       | Lot specific                                                                                                                                          |
| Conjugation         | Unconjugated                                                                                                                                          |
| Purification        | Affinity purification                                                                                                                                 |
| Dilution Range      | WB:1:500-1:1000<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    | 60kDa                                                                                                                                                 |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                        |

### TARGET INFORMATION

|                    |                                                                                                                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen Region   | 1-349                                                                                                                                                                                                                                                           |
| Immunogen Sequence | MKPRQRKQYFRNMKRSDDSE REKRRKRRRLQLGEQRIP YLSPTDPGFQDLWDSSYAGL<br>ALRQSGTLPEGLHEKVQSAL LTLQRHGCLLRDLVRVRDRD VFTAVSRALVGQPGYTYRYL<br>DTRLFTIPWHCEGEGQKDE KGKPCCDSDLRDACKALWEL NQFFCSDVKQQTNARGVKRT<br>RSDTENSEDAPGEGMCEES VKDRLVEEKTIEEEEEDSGQ GCSHSSPPSSTPPAAQASL |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-349 of zebrafish FTO (XP_009301626.1).                                                                                                                                          |

### 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 extracts of various cell lines, using FTO antibody (STJ11101469) at 1:1000 dilution. Secondary antibody: HRP 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: 180s.