

## Anti-FTO antibody [ARC0851] (STJ11101960)

STJ11101960

### GENERAL INFORMATION

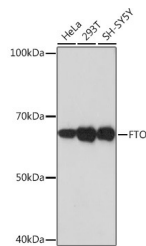
|                          |  |
|--------------------------|--|
| <b>Product Type</b>      | Primary antibodies   |
| <b>Short Description</b> | Rabbit monoclonal antibody anti-FTO is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and Immunoprecipitation. |
| <b>Applications</b>      | WB, IHC, IF, IP  |
| <b>Host/Source</b>       | Rabbit   |
| <b>Reactivity</b>        | Human  |

### PRODUCT PROPERTIES

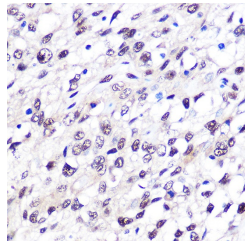
|                            |   |
|----------------------------|---|
| <b>Clonality</b>           | Monoclonal  |
| <b>Clone ID</b>            | ARC0851   |
| <b>Concentration</b>       |   |
| <b>Conjugation</b>         | Unconjugated  |
| <b>Purification</b>        | Affinity purification   |
| <b>Dilution Range</b>      | WB 1:500-1:2000<br>IHC 1:50-1:200<br>IF 1:50-1:200<br>IP 1:50-1:200 |
| <b>Formulation</b>         | PBS containing 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH7.3.  |
| <b>Isotype</b>             | IgG   |
| <b>Storage Instruction</b> | Store in a freezer at -20°C and avoid freeze-thaw cycles.           |

### TARGET INFORMATION

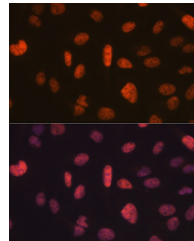
|                           |  |
|---------------------------|--|
| <b>Gene ID</b>            | 79068  |
| <b>Gene Symbol</b>        | FTO  |
| <b>Uniprot ID</b>         | FTO_HUMAN                                    |
| <b>Immunogen</b>          | A synthesized peptide derived from human FTO |
| <b>Immunogen Region</b>   |  |
| <b>Specificity</b>        |  |
| <b>Immunogen Sequence</b> |  |



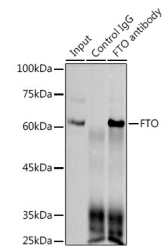
Western blot analysis of extracts of various cell lines, using FTO rabbit monoclonal antibody (STJ11101960) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic kit. Exposure time: 3min.



Immunohistochemistry of paraffin-embedded human bladder cancer using FTO rabbit monoclonal antibody (STJ11101960) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of U-2 OS cells using FTO rabbit monoclonal antibody (STJ11101960) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300µg extracts of 293T cells using 3µg FTO antibody (STJ11101960). Western blot was performed from the immunoprecipitate using FTO antibody (STJ11101960) at a dilution of 1:500.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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