

## Anti-CAS9 antibody (450-730) (STJ117195)

STJ117195

### GENERAL INFORMATION

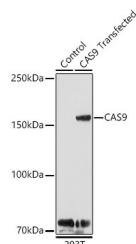
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | WB/ELISA           |
| <b>Host/Source</b>       | Rabbit             |
| <b>Reactivity</b>        | Human/Other        |

### PRODUCT PROPERTIES

|                      |   |
|----------------------|---|
| <b>Clonality</b>     | Polyclonal  |
| <b>Clone ID</b>      |   |
| <b>Concentration</b> | Lot specific  |
| <b>Conjugation</b>   | Unconjugated  |
| <b>Purification</b>  | Affinity purification   |
| <b>Dilution</b>      | WB:1:500-1:1000   |
| <b>Range</b>         | ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>   | PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.  |
| <b>Isotype</b>       | IgG   |
| <b>Storage</b>       | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                    |
| <b>Instruction</b>   |   |

### TARGET INFORMATION

|                           |   |
|---------------------------|---|
| <b>Gene ID</b>            |   |
| <b>Gene Symbol</b>        |   |
| <b>Uniprot ID</b>         |   |
| <b>Immunogen</b>          |   |
| <b>Immunogen Region</b>   | 450-730   |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 450-730 of streptococcus pyogenes m1 gas CAS9 (NP_269215.1).  |
| <b>Immunogen Sequence</b> | YYVGPLARGNSRFAWMTRKS EETIPWNFEVVDKGASAQ SFIERMTNFDKNLPNEKVLP KHSLLYEYFTVYNELTKVKY<br>VTEGMRKPAFLSGEQKKAIV DLLFKTNRKVTVKQLKEDYF KKIECFDSVEISGVEDRFNA SLGTYHDLKKIHKDKDFLDN<br>EENEDILEDIVLTTLFEDR EMIEERLKTYAHLFDDKVMK QLKRRRYTGWGRLSRKLING IRDKQSGKTILDFLKSDGF |



Western blot analysis of extracts of 293T cells and 293T transfected with CAS9 protein, using CAS9 Rabbit polyclonal antibody (STJ117195) 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: 120s.

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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