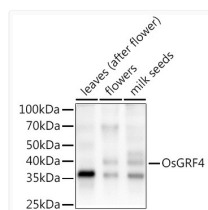


## Anti-OsGRF4 antibody (120-394 aa) (STJ11103967)

| GENERAL INFORMATION    |                     |                                                                                                                                                                                                                                                             |
|------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | Product Type        | Primary antibodies                                                                                                                                                                                                                                          |
|                        | Applications        | WB/ELISA                                                                                                                                                                                                                                                    |
|                        | Host / Source       | Rabbit                                                                                                                                                                                                                                                      |
|                        | Reactivity          | O.sativa                                                                                                                                                                                                                                                    |
|                        |                     |                                                                                                                                                                                                                                                             |
| 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 Mu g/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: 42kDa<br>Observed Mw: 40kDa                                                                                                                                                                                                                     |
|                        | 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    | 120-394 aa                                                                                                                                                                                                                                                  |
|                        | Immunogen Sequence  | FGKKLDPEPGRCRRTDGKKW RCSKEAAPDSKYCERHMHHRG RNRSRKPVETQLVAQSQPPS SVVGSAAAPLAAASNGSSFQ NNSLYPAIAGSNGGGGGGRNM PSSFGSALGSOLHMDNAAPY AAVGGGTGKDLRYTAYGTRS LADEQSQLITEAINTSIENP WRLLPSQNSPFLSSYSQLG ALSDLGQNTPPSSLKVKRQP LSFFGNDYAAVDSVKQENQT LRPFFDEWPKGRDSWSDLA |
|                        | Specificity         | Recombinant fusion protein containing a sequence corresponding to amino acids 120-394 of Oryza sativa OsGRF4. (Q6ZIK5).                                                                                                                                     |
|                        |                     |                                                                                                                                                                                                                                                             |
| 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 tissues from the japonica rice (*Oryza sativa* L.) variety Zhonghua 11, using OsGRF4 Rabbit polyclonal antibody (STJ11103967) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 30s.