

## Anti-ITPR3 antibody (1630-1870) (STJ114939)

### GENERAL INFORMATION

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

### PRODUCT PROPERTIES

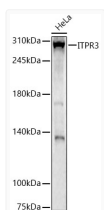
|                     |                                                                                                                                                                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                                                                                                                             |
| Concentration       | Lot specific                                                                                                                                                                                                                                           |
| Conjugation         | Unconjugated                                                                                                                                                                                                                                           |
| Purification        | Affinity purification                                                                                                                                                                                                                                  |
| Dilution Range      | WB:1:1000-1:5000<br>IF/CC:1:50-1:200<br>IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirement |
| Formulation         | PBS with 0.05% Proclin300, 50% Glycerol, pH7.3.                                                                                                                                                                                                        |
| Isotype             | IgG                                                                                                                                                                                                                                                    |
| Molecular Weight    | Protein Mw: 304kDa<br>Observed Mw: 304kDa                                                                                                                                                                                                              |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                                                                                                         |

### TARGET INFORMATION

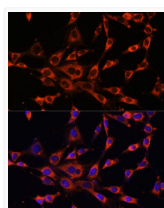
|                    |                                                                                                                                                                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">3710</a>                                                                                                                                                                                                                                    |
| Gene Symbol        | <a href="#">ITPR3</a>                                                                                                                                                                                                                                   |
| UniProt ID         | <a href="#">ITPR3_HUMAN</a>                                                                                                                                                                                                                             |
| Immunogen Region   | 1630-1870                                                                                                                                                                                                                                               |
| Immunogen Sequence | EGSEAYQRCESGGFLSKLIQ HTKDLMESEEEKLCIKVLRTL QQMLLKTKYGDRGNQLRKMLLQNYLQNRKSTSRGDLDPD IGTGLDPDWSAIAATQCRLD KEGATKLVCDLITSTKNEKIFQESIGLAIHLLDGGNTEIQ KSFHNLMMSDKKSERFFKVL HDRMKRAQQETKSTVAVNMNLDGSGPHEDREPVDPTTKGR VASFSIPGSSSRYSLGPSLR RGHEVSERVQSSEMGTSLV |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 1630-1870 of human ITPR3 (NP_002215.2).                                                                                                                                   |

### ADDITIONAL INFORMATION

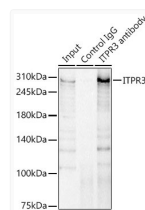
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of HeLa, using ITPR3 rabbit polyclonal antibody (STJ114939) at 1:2000 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% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunofluorescence analysis of NIH-3T3 cells using ITPR3 antibody (STJ114939) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300 Mu g extracts of HeLa cells using 3 Mu g ITPR3 antibody (STJ114939). Western blot was performed from the immunoprecipitate using ITPR3 antibody (STJ114939) at a dilution of 1:1000.