

## Anti-ITCH antibody (1-155) (STJ118061)

### GENERAL INFORMATION

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

### PRODUCT PROPERTIES

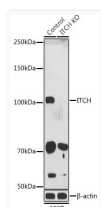
|                     |                                                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 0.01% Thimerosal, 50% Glycerol, pH 7.3.                                                                                                     |
| Isotype             | IgG                                                                                                                                                  |
| Molecular Weight    | Protein Mw: 103kDa<br>Observed Mw: 103kDa                                                                                                            |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                       |

### TARGET INFORMATION

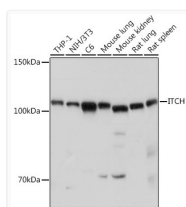
|                    |                                                                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">83737</a>                                                                                                                                                  |
| Gene Symbol        | <a href="#">ITCH</a>                                                                                                                                                   |
| UniProt ID         | <a href="#">ITCH_HUMAN</a>                                                                                                                                             |
| Immunogen Region   | 1-155                                                                                                                                                                  |
| Immunogen Sequence | MSDSGSQLGSMGSLTMKSQL QITVISAKLKENKKNWFGPS PYVEVTVDGQSKKTEKCNNT<br>NSPKWKQPLTVIVTPVSKLH FRVWSHQTLKSDVLLGTAAL DIYETLKSNMKEEVVVTL<br>QLGGDKPETETIGDLSICLD GLQLESEVVTNGETT |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-155 of ITCH (NP_001244066.1).                                                          |

### 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 lysates from wild type (WT) and ITCH knockout (KO) 293T cells, using [KO Validated] ITCH Rabbit polyclonal antibody (STJ118061) 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.



Western blot analysis of various lysates using [KO Validated] ITCH Rabbit polyclonal antibody (STJ118061) 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: 10s.