

## Anti-BRD4 antibody (650-722) (STJ11101529)

STJ11101529

### GENERAL INFORMATION

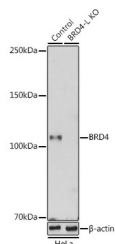
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | WB/ELISA           |
| <b>Host/Source</b>       | Rabbit             |
|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

### PRODUCT PROPERTIES

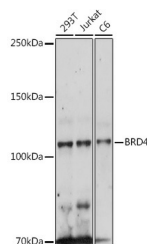
|                            |  |
|----------------------------|--|
| <b>Clonality</b>           | Polyclonal   |
| <b>Clone ID</b>            |  |
| <b>Concentration</b>       | Lot specific   |
| <b>Conjugation</b>         | Unconjugated   |
| <b>Purification</b>        | Affinity purification  |
| <b>Dilution Range</b>      | WB:1:100-1:500<br>ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>         | PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.   |
| <b>Isotype</b>             | IgG  |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.   |

### TARGET INFORMATION

|                           |   |
|---------------------------|---|
| <b>Gene ID</b>            | 23476   |
| <b>Gene Symbol</b>        | BRD4  |
| <b>Uniprot ID</b>         | BRD4_HUMAN  |
| <b>Immunogen</b>          |   |
| <b>Immunogen Region</b>   | 650-722   |
| <b>Specificity</b>        | A synthetic peptide corresponding to a sequence within amino acids 650-722 of human BRD4 (NP_055114.1). |
| <b>Immunogen Sequence</b> | DEIDFETLKPSTLRELER YVTSCLRKKRKPAEKVDVI AGSSKMKGFSSSESESSSES SSSDSEDSSETGPA                              |



Western blot analysis of lysates from wild type (WT) and BRD4 knockout (KO) HeLa cells, using [KO Validated] BRD4 Rabbit polyclonal antibody (STJ11101529) at 1:500 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: 300s.



Western blot analysis of various lysates using [KO Validated] BRD4 Rabbit polyclonal antibody (STJ11101529) at 1:500 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: 300s.

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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