

Anti-SMCHD1 antibody (1756-2005) (STJ29294)  
STJ29294

GENERAL INFORMATION

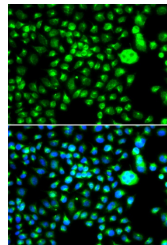
|                   |                    |
|-------------------|--------------------|
| Product Type      | Primary antibodies |
| Short Description |                    |
| Applications      | WB/IF/ICC/ELISA    |
| Host/Source       | Rabbit             |
| Reactivity        | Human/Rat          |

PRODUCT PROPERTIES

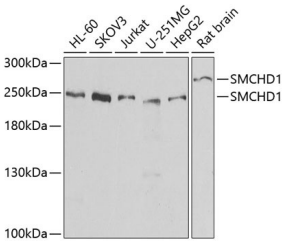
|                     |                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                          |
| Clone ID            |                                                                                                                                     |
| Concentration       | Lot specific                                                                                                                        |
| Conjugation         | Unconjugated                                                                                                                        |
| Purification        | Affinity purification                                                                                                               |
| Dilution            | WB:1:500-1:2000                                                                                                                     |
| Range               | IF/CC:1:50-1:100                                                                                                                    |
|                     | 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                                                                                                                                 |
| 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            | 23347                                                                                                                                                                                                                                                          |
| Gene Symbol        | SMCHD1                                                                                                                                                                                                                                                         |
| Uniprot ID         | SMHD1_HUMAN                                                                                                                                                                                                                                                    |
| Immunogen          |                                                                                                                                                                                                                                                                |
| Immunogen Region   | 1756-2005                                                                                                                                                                                                                                                      |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 1756-2005 of human SMCHD1 (NP_056110.2).                                                                                                                                         |
| Immunogen Sequence | TTDAARRIYDETQGRQQVLP LDSIYKKTLPDWKRSLPHFR NGKLYFKPIGDPVFARDLLT FPDNVEHCETVFGMLLGDTI<br>ILDNLDAANHRYKEVKITH CPTLLTRDGDRIIRSNKFGG LQNKAPPMDKLRGMVFGAPV PKQCLILGEQIDLLQQYRSA<br>VCKLDSVKNKDLNSQLEYLRT PDMRKKKQELDEHEKNLKI EEKLGMTPIRKCNDSLRHSP KVETTDPCVPPKMRREAT |



Immunofluorescence analysis of MCF-7 cells using SMCHD1 antibody (STJ29294). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using SMCHD1 antibody (STJ29294) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ3000896) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

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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