

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

GENERAL INFORMATION

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

PRODUCT PROPERTIES

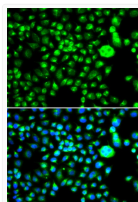
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 226kDa Observed Mw: 246kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

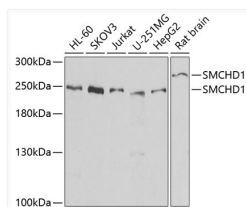
Gene ID	23347
Gene Symbol	SMCHD1
UniProt ID	SMHD1_HUMAN
Immunogen Region	1756-2005
Immunogen Sequence	TTDAARRIYDETQGRQQVLP LDSIYKKTLPDWKRSPLPHFR NGKLYFKPIGDPVFARDLLT FPDNVEHCETVFGMLLGDIT ILDNLDAANHRYKEVVKITH CPTLLTRDGDRIKSNKFGG LQNKAPPMDKLRGMVFGAPV PKQCLILGEQIDLLQQYRSA VCKLDSVNDKLNLSQLEYLRT PDMRKKKQELDEHEKNLKKL EEKLGMTPIRKCNDSLRHSP KVETTDPCVPPKMRREAT
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1756-2005 of human SMCHD1 (NP_056110.2).

ADDITIONAL INFORMATION

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



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) (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: 30s.