

Anti-SMYD1 antibody (1-350) (STJ26205)

STJ26205

GENERAL INFORMATION

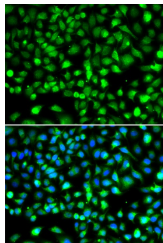
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

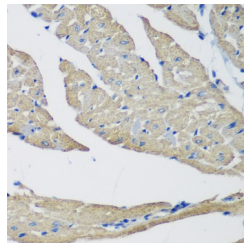
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:200-1:2000
Range	IHC-P:1:20-1:200 IF/ICC:1:20-1:100 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

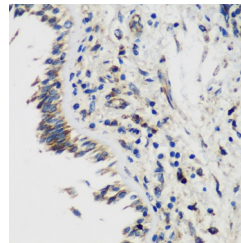
Gene ID	150572
Gene Symbol	SMYD1
Uniprot ID	SMYD1_HUMAN
Immunogen	
Region	1-350
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-350 of human SMYD1 (NP_938015.1).
Immunogen Sequence	MTIGRMENVEVFTAEGKGRG LKATKEFWAADIIFAERAYS AVVFDLSLVNFVCHTCFKRQE KLHRCGQCKFAHYCDRTCQK DASLNLHKNCECSAIKRYGKVP NENIRLAARIMWRVEREGTG LTEGCLVSDDLQNHVEHFG EEEQKDLRDVDVDTFLQYWPP QSQQFSMQYISHIFGVINCN GFTLSDQRGLQAVGVGIFPN LGLVNHDCWPNCVTFNNGN HEAVKSMFHTQMRIELRAL



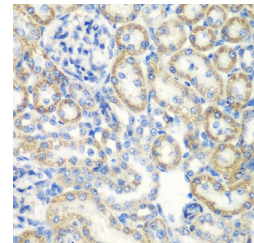
Immunofluorescence analysis of MCF-7 cells using SMYD1 antibody (STJ26205). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded mouse heart using SMYD1 antibody (STJ26205) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human lung using SMYD1 antibody (STJ26205) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat kidney using SMYD1 antibody (STJ26205) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.

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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