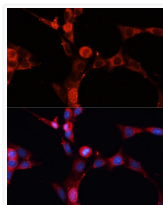
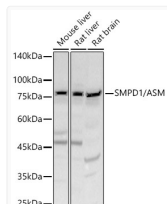


Anti-SMPD1 antibody (70-631) (STJ118698)

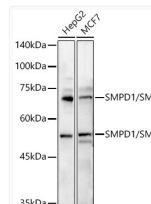
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:50-1:100 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 70kDa Observed Mw: 75kDa
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	6609
Gene Symbol	SMPD1
UniProt ID	ASM_HUMAN
Immunogen Region	70-631
Immunogen Sequence	PARLHRIVPRLRDVFGWGNL TCPICKGLFTAINLGLKKEP NVARVGSVAIKLCNLLKIAP PAVCQSIVHLFEDDMVEVWR RSVLSPSEACGLLLGSTCGH WDFSSWNISLPTVPKPPPK PPSPAPGAPVSRILFLTDL HWDHDYLEGTDPCADPLCC RRGSGLPASRPAGYWGEY SKCDLPLRTLLESLLSGLGPA GPFDVMYWTGDIPAHDVWHQ TRDQLRALTTVTALVRKF
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 70-340 of human SMPD1/ASM (NP_000534.3).
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of NIH-3T3 cells using SMPD1/ ASM Polyclonal Antibody (STJ118698) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of various lysates, using SMPD1/ ASM antibody (STJ118698) at 1:400 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Western blot analysis of extracts of various cell lines, using SMPD1/ ASM antibody (STJ118698) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.