

Anti-SMPD4 antibody (600-800) (STJ117668)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

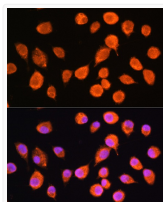
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:200-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 98kDa Observed Mw: 100kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

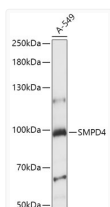
Gene ID	55627
Gene Symbol	SMPD4
UniProt ID	NSMA3_HUMAN
Immunogen Region	600-800
Immunogen Sequence	ITQAKHTAKSISDQCAESPA GHSFLSWLGFSSMDTNGSYT ANDLDEMGDQSVRKTDEYLE KALEYLRQIFRLSEAQLRQF TLALGTTQDENGKKQLPDCI VGEDGLILTPLGRYQINGL RRFEIEYQGDPQLPIRSYE IASLVRTLFRLLSSAINHRFA GQMAALCSRDDFLGSFCRYH LTEPGLASRRHLLSPVGRQV A
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 600-800 of human SMPD4 (NP_060421.2).

ADDITIONAL INFORMATION

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



Immunofluorescence analysis of L929 cells using SMPD4 Rabbit polyclonal antibody (STJ117668) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from A-549 cells, using SMPD4 Rabbit polyclonal antibody (STJ117668) 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: 15s.