

Anti-ASAH1 antibody (140-389) (STJ115883)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

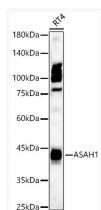
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 45kDa Observed Mw: 40kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

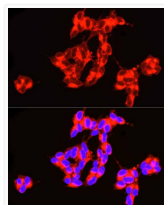
Gene ID	427
Gene Symbol	ASAH1
UniProt ID	ASA_H1_HUMAN
Immunogen Region	140-389
Immunogen Sequence	IVAEDKKGHLIHGRNMDFGV FLGWNINNDTWVITEQLKPL TVNLDFQRNNKTVFKASSFA GYVGMLTGFKPGLFSLTNE RFSINGGYLGILEWILGKKD VMWIGFLTRTVLENSTSYEE AKNLLTKILAPAYFILGG NQSGEGCVITRDRKESLDVY ELDAKQGRWYVQTNDRWK HPFFLDDRRTPAKMCLNRTS QENISFETMYDVLSTKPVLN KLTVYTTLIDVTGKGFETY
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 140-389 of human ASAH1 (NP_001120977.1).

ADDITIONAL INFORMATION

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



Western blot analysis of lysates from RT4 cells using ASAH1 rabbit polyclonal antibody (STJ115883) at 1:700 dilution. Secondary antibody:HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection:ECL Basic Kit. Exposure time:60s.



Immunofluorescence analysis of SH-SY5Y cells using ASAH1 rabbit polyclonal antibody (STJ115883) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.