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Datasheet for ABIN2788794
anti-Stomatin antibody (C-Term)

2 Images

Overview

Quantity:	100 µL
Target:	Stomatin (STOM)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio), Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Stomatin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Sequence:	LQRAMAAEAE ASREARAKVI AAEGEMNASR ALKEASMVIT ESPAALQLRY
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against STOM. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Stomatin (STOM)
Alternative Name:	STOM (STOM Products)
Background:	STOM is thought to regulate cation conductance. It may regulate ACCN1 and ACCN3 gating

Target Details

Alias Symbols: BND7, EPB7, EPB72

Protein Interaction Partner: RAPGEF2, UBC, DVL3, FBXO6, ADRB2, RUVBL2, RUVBL1, SVIL, RPL13A, VCAM1, ITGA4, FN1, FMNL1, SFXN3, SUGP1, SBDS, SF3B3, SF3B4, SCO2, SF1, SUMO1, SNRPC, SNRPA1, SUMO2, PON2, HNRNPM, ILF3, ATP6V1B1, Poc1b, Recq14, Trim69, Cbx1, LANCL1, ASIC3, ASIC1, ASIC2, SLC

Protein Size: 288

Molecular Weight: 32 kDa

Gene ID: 2040

NCBI Accession: [NM_004099](#), [NP_004090](#)

UniProt: [P27105](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 288 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

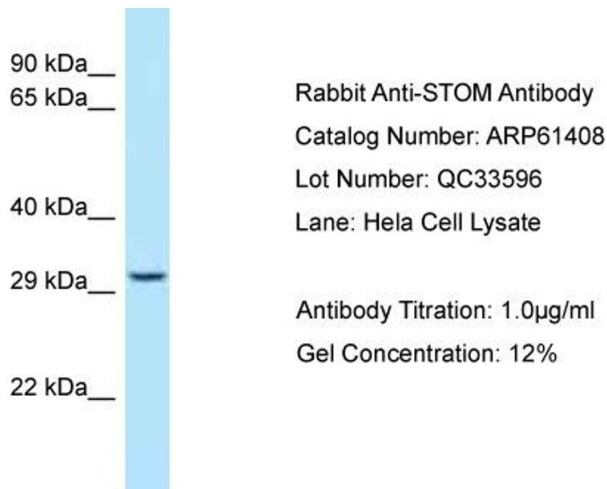
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



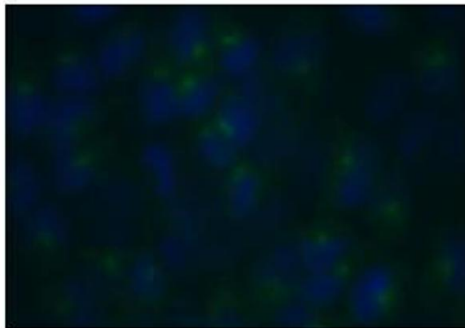
Rabbit Anti-STOM Antibody
Catalog Number: ARP61408
Lot Number: QC33596
Lane: HeLa Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 1.

STOM



Green: STOM
Blue: DAPI

Immunofluorescence

Image 2. Sample Type: HeLa cells

Primary Antibody Dilution: 1:150

Secondary Antibody: Goat anti-rabbit-Alexa Fluor 488

Secondary Antibody Dilution: 1:500

Color/Signal Descriptions: Green: STOMBlue: DAPI

Gene Name: STOM

Submitted by: COCOLA Cinzia, Stem Cell Biology and Cancer
Research Unit